

Mass. : Dept. of Education.
= annual report, 129th, 1965. Pt. 1

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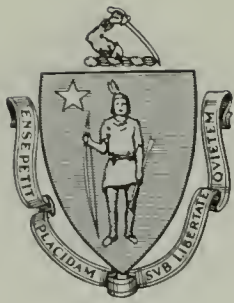


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State House, Boston 33

THE COMMONWEALTH OF MASSACHUSETTS

ANNUAL REPORT
OF THE
DEPARTMENT OF EDUCATION
YEAR ENDING JUNE 30, 1965

ISSUED IN ACCORDANCE WITH SECTION 2 OF CHAPTER 69
OF THE GENERAL LAWS

PART I



VOLUME 129

2-14-1967

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1965

pt 1

A

ANNUAL REPORT OF THE DEPARTMENT OF EDUCATION

PART I

Year Ending June 30, 1965

REPORT OF THE BOARD OF EDUCATION

44

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

1964-1965

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44

1. The first part of the report deals with the general situation of the country and the progress of the work during the year. It is divided into two main sections: the first section deals with the general situation of the country and the progress of the work during the year, and the second section deals with the specific results of the work.

2. The second part of the report deals with the specific results of the work. It is divided into three main sections: the first section deals with the results of the work in the field of agriculture, the second section deals with the results of the work in the field of industry, and the third section deals with the results of the work in the field of commerce.

3. The third part of the report deals with the financial results of the work. It is divided into two main sections: the first section deals with the income of the work, and the second section deals with the expenditure of the work.

4. The fourth part of the report deals with the conclusions of the work. It is divided into two main sections: the first section deals with the conclusions of the work in the field of agriculture, and the second section deals with the conclusions of the work in the field of industry and commerce.

5. The fifth part of the report deals with the recommendations of the work. It is divided into two main sections: the first section deals with the recommendations of the work in the field of agriculture, and the second section deals with the recommendations of the work in the field of industry and commerce.

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1. The first part of the paper is devoted to a general discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science. The author discusses the various theories of the origin of life, and shows that the most probable one is the theory of spontaneous generation. This theory states that life originated from non-living matter through a series of chemical reactions. The author also discusses the possibility of life originating from extraterrestrial sources, but concludes that this is highly unlikely. The second part of the paper is devoted to a detailed discussion of the chemical reactions involved in the origin of life. The author shows that the most important reactions are those involving the formation of organic molecules from inorganic precursors. These reactions are shown to be possible under conditions that are not too far removed from those found on the early Earth. The third part of the paper is devoted to a discussion of the evolution of life. The author shows that life has evolved through a series of steps, from simple organic molecules to complex organisms. The author also discusses the various theories of evolution, and shows that the most probable one is the theory of natural selection. This theory states that organisms that are better adapted to their environment are more likely to survive and reproduce, and thus their traits are passed on to their offspring. The fourth part of the paper is devoted to a discussion of the future of life. The author shows that life is likely to continue to evolve, and that it may eventually reach a stage where it is capable of creating artificial life. The author also discusses the possibility of life existing on other planets, and shows that this is a possibility that cannot be ruled out.

2. The second part of the paper is devoted to a detailed discussion of the chemical reactions involved in the origin of life. The author shows that the most important reactions are those involving the formation of organic molecules from inorganic precursors. These reactions are shown to be possible under conditions that are not too far removed from those found on the early Earth. The third part of the paper is devoted to a discussion of the evolution of life. The author shows that life has evolved through a series of steps, from simple organic molecules to complex organisms. The author also discusses the various theories of evolution, and shows that the most probable one is the theory of natural selection. This theory states that organisms that are better adapted to their environment are more likely to survive and reproduce, and thus their traits are passed on to their offspring. The fourth part of the paper is devoted to a discussion of the future of life. The author shows that life is likely to continue to evolve, and that it may eventually reach a stage where it is capable of creating artificial life. The author also discusses the possibility of life existing on other planets, and shows that this is a possibility that cannot be ruled out.

EDUCATIONAL DIRECTORY

DEPARTMENT OF EDUCATION

200 Newbury Street, Boston 02116

 BOARD OF EDUCATION

Term Expires

| | |
|------|---|
| 1967 | Dr. Leo C. Donahue, Chairman, 12 Benton Road, Somerville |
| 1970 | Dr. James R. Killian, Jr., Vice-Chairman, Massachusetts
Institute of Technology, Cambridge |
| 1973 | Mr. Stuart Macmillan, Secretary, 15 State Street, Boston |
| 1965 | Dr. William E. Park, Simmons College, Boston |
| 1966 | Mr. Joseph Salerno, 73 Tremont Street, Boston |
| 1968 | Mr. Philip Driscoll, Brandeis University, Waltham |
| 1969 | Mr. Thomas D. O'Connor, 238 Main Street, Cambridge |
| 1971 | Dr. Abram L. Sachar, Brandeis University, Waltham |
| 1972 | Dr. Alexander Brin, 251 Causeway Street, Boston |

 Dr. Owen B. Kiernan, Commissioner of Education and Executive Officer

BOARD OF COLLEGIATE AUTHORITY

Ex Officio, Dr. Owen B. Kiernan, Commissioner of Education, Chairman

Term Expires

| | |
|------|--|
| 1965 | Dr. William E. Park, Simmons College, Boston |
| 1965 | Miss Mildred C. Thelen, Wellesley High School, Wellesley |
| 1966 | Very Reverend John T. Corr, C.S.C., Stonehill College,
North Easton |
| 1966 | Mr. Joseph Salerno, 73 Tremont Street, Boston |
| 1967 | Dr. Leo C. Donahue, 12 Benton Road, Somerville |
| 1967 | Dr. Louis Menand, III, Bradford Junior College, Bradford |
| 1968 | Mr. Philip Driscoll, Brandeis University, Waltham |
| 1968 | Dr. Martin Lichterman, 5 Constitution Road, Lexington |
| 1969 | Mr. Thomas D. O'Connor, 94 Otis Street, Hingham |
| 1970 | Dr. James R. Killian, Jr., Massachusetts Institute of
Technology, Cambridge |
| 1971 | Dr. Abram L. Sachar, Brandeis University, Waltham |
| 1972 | Dr. Alexander Brin, 251 Causeway Street, Boston |
| 1973 | Mr. Stuart Macmillan, 15 State Street, Boston |

MA

THE UNIVERSITY OF CHICAGO
OFFICE OF THE DEAN
CHICAGO, ILLINOIS 60637

MEMORANDUM

TO: THE DEAN
FROM: [illegible]
SUBJECT: [illegible]
[illegible text follows]

[illegible text]

[illegible text]

[illegible text]

STATE BOARD FOR VOCATIONAL EDUCATION

THE BOARD OF EDUCATION

and

Ex Officio, Dr. Owen B. Kiernan, Commissioner of Education

ADMINISTRATIVE STAFF

Thomas J. Curtin, Deputy Commissioner of Education
 Philip G. Cashman, Assistant Commissioner of Education
 Edward M. Gilpatrick, Business Agent
 Gerald F. Lambert, Coordinator, Federally-Aided Educational Program
 Frank W. Callahan, Assistant Business Agent
 William J. Wallace, Senior Attorney
 Helen A. Smith, Supervisor of Personnel
 John J. Callahan, Jr., Supervisor in Education
 James E. Burke, Agent, Board of Collegiate Authority
 B. Anne Thomas, Education Information Officer
 Katherine F. Murphy, Secretary to the Commissioner
 Mary E. McKay, Assistant Secretary, Board of Education, and Secretary,
 Board of Collegiate Authority
 Mary L. Sullivan, Administrative Assistant

DIVISIONS AND OFFICES OF THE DEPARTMENT

DIVISION OF ELEMENTARY AND SECONDARY EDUCATION

Everett G. Thistle, Director

Joseph E. Killory, Assistant Director

Joseph E. Bastable, Senior Supervisor, Guidance, Counseling and Testing
 Warren E. Benson, Senior Supervisor, Guidance and Placement
 Francis J. Farrankopf, Senior Supervisor, Guidance, Counseling and Testing
 Ernest A. Frechette, Senior Supervisor, Modern Foreign Languages
 Lawrence A. Oviatt, Senior Supervisor, Secondary Education
 John W. Packard, Senior Supervisor, Science
 James R. Powers, Senior Supervisor, Modern Foreign Languages
 Jesse O. Richardson, Senior Supervisor, Science and Mathematics
 Stewart S. Sargent, Senior Supervisor, Science
 John T. Schomer, Senior Supervisor, Elementary Education
 Allie W. Scruggs, Senior Supervisor, Compensatory Services
 Ralph H. Colson, Supervisor, Health, Safety and Physical Education
 Raymond L. Gehling, Supervisor, Conservation Education
 John A. Geovanis, Supervisor, Secondary Education
 William Hewson, Supervisor, Guidance, Counseling and Testing
 William F. Kelly, Supervisor, Elementary Education
 Robert M. Lacey, Supervisor, Music
 Robert L. Manning, Supervisor, Business and Office Education

OFFICE OF THE SECRETARY OF THE ARMY

WASHINGTON, D. C. 20315

100

MEMORANDUM FOR THE SECRETARY OF THE ARMY

SUBJECT: [Illegible]

DATE: [Illegible]

[Illegible text block containing several paragraphs of memorandum content]

RECOMMENDATION: [Illegible]

ANALYSIS: [Illegible]

CONCLUSION: [Illegible]

REMARKS: [Illegible]

[Illegible text block containing several paragraphs of memorandum content]

Elementary and Secondary (Continued)

Ernest J. Mazzone, Supervisor, Modern Foreign Languages
 Thomas F. Williams, Supervisor, Mathematics
 Vincent J. Worden, Supervisor, Guidance, Counseling and Testing
 Anthony J. Zarella, Supervisor, Guidance, Counseling and Testing

DIVISION OF VOCATIONAL EDUCATION

Walter J. Markham, Director

John F. Shea, Assistant Director

Garrett T. Barry, Senior Supervisor, Private Trade Schools
 James E. Burke, Agent, Board of Collegiate Authority
 James L. Burke, Senior Supervisor, Trade and Industrial Education for
 Boys and Men
 Thomas M. Burke, Senior Supervisor, Vocational Art Education in Industry
 Anthony V. Cipriano, Senior Supervisor, Manpower Development and Training
 Program
 John Connolly, Senior Supervisor, Manpower Development and Training Program
 Francis J. Lombard, Senior Supervisor, Vocational Administration
 William J. McConnell, Senior Supervisor, Trade and Industrial Education for
 Boys and Men
 John P. Morine, Senior Supervisor, Occupational Information and Vocational
 Guidance
 Grace L. Nangle, Senior Supervisor, Practical Nurse Education
 Robert F. Nolan, Senior Supervisor, Surplus Property Distribution
 Jesse A. Taft, Senior Supervisor, Agricultural Schools and Departments
 Joseph Barbero, Jr., Supervisor, Manpower Development and Training Program
 William P. Boland, Jr., Supervisor, Trade and Industrial Education for
 Boys and Men
 William J. Butler, Supervisor, Manpower Development and Training Program
 Matthew E. Cardoza, Supervisor, Vocational Administration
 Dorris M. Closs, Supervisor, Household Arts Schools for Girls and Women
 John W. Fitzgerald, Supervisor, Trade and Industrial Education for Boys
 and Men
 Cedemen J. Gribouski, Supervisor, Agricultural Schools and Departments
 Alfred F. Hoyle, Supervisor, Trade and Industrial Education for Boys and Men
 Theodore A. Janiak, Supervisor, Vocational Administration
 Helen J. McClintock, Supervisor, Adult Homemaking and Craft Education
 Mary I. McKay, Supervisor, Distributive Education
 Agnes M. O'Neill, Supervisor, Household Arts Education
 Raphaela A. Picucci, Supervisor, Practical Nurse Education
 Ruth M. Shea, Supervisor, Trade and Industrial Education for Girls and Women
 Homer V. Judge, Part-time Assistant Supervisor, Agricultural Schools and
 Departments

In Service Training for Veterans

James E. Burke, Agent, Board of Collegiate Authority, and Senior Supervisor,
 Veterans' Training
 _____, Supervisor, Veterans' Training

DIVISION OF UNIVERSITY EXTENSION

Franklin P. Hawkes, Director

Donald J. Geary, Senior Supervisor in Education
 Walter F. Reavey, Senior Supervisor in Education
 Thomas S. Hutcheson, Supervisor in Education
 Otto Kiessling, Supervisor in Education
 Robert L. McGrew, Supervisor in Education
 Harold F. McNulty, Supervisor in Education
 Leo F. A. Murphy, Supervisor in Education
 Mary K. Prendergast, Supervisor in Education
 Paul O. Reilly, Supervisor in Education
 Carlo A. Simeoli, Supervisor in Education
 Edward T. Sullivan, Supervisor in Education
 Kelsey B. Sweatt, Supervisor in Education, and Coordinator, Audio-Visual Services
 Carroll F. Towey, Supervisor in Education
 Robert B. Wentworth, Supervisor in Education
 William H. Goudey, Jr., Assistant Supervisor in Education
 Harold V. McAuliffe, Assistant Supervisor in Education
 Melville H. Rood, Jr., Assistant Supervisor in Education
 Spencer D. Eddy, Organizing Extension Instructor
 Richard J. Barrett, Organizing Extension Instructor
 Gabriel R. Passero, Organizing Extension Instructor
 Patricia Mollander, Organizing Extension Instructor
 Earl E. Adreani, University Extension Instructor
 L. Champion Gellar, University Extension Instructor
 Christina S. Hatch, University Extension Instructor
 Joyce A. Tully, University Extension Instructor

DIVISION OF SPECIAL EDUCATION

William A. Philbrick, Jr., Director

Nicholas J. Wells, Senior Supervisor, Mentally Retarded Children
 Thomas H. Browne, Supervisor, Emotionally Disturbed Children
 Helen I. Collins, Supervisor, Physically Handicapped Children
 Anthony V. DeLeo, Supervisor, Mentally Retarded Children, Bridgewater State College
 Catherine G. FitzGerald, Supervisor, Mentally Retarded Children, Springfield
 William F. Frary, Supervisor, Guidance, Placement, and Follow-up of Retarded Children
 Marjorie J. Frye, Supervisor, Blind and Partially Seeing Children
 John H. Gray, Supervisor, Mentally Retarded Children, Worcester State College
 Marianne C. McKeon, Supervisor, Deaf Children
 William J. O'Brien, Supervisor, Mentally Retarded Children
 Herbert Drew, Supervisor, Mentally Retarded Children, Worcester State College
 Wilma A. Hull, Assistant Supervisor, Blind and Partially Seeing Children

DIVISION OF CIVIC EDUCATION

Margaret M. Gearan, Director

Lawrence M. Bongiovanni, Senior Supervisor
Francis R. MacDonald, Supervisor

DIVISION OF TEACHER CERTIFICATION AND PLACEMENT

John P. McGrail, Director

David L. Fitzpatrick, Supervisor in Education

DIVISION OF RESEARCH AND STATISTICS

Raymond S. Dower, Jr., Director

John Torosian, Senior Supervisor in Education
Frank H. Livak, Senior Supervisor in Education
William J. Crowley, Supervisor in Education
Glenn A. Myers, Supervisor in Education
Thomas P. Lenane, Assistant Supervisor in Education

DIVISION OF LIBRARY EXTENSION

Board of Library Commissioners

Term Expires

| | |
|------|--|
| 1968 | Richard J. Sullivan, Chairman, Reading |
| 1969 | Mrs. Lydia Goodhue, Secretary, Wellesley |
| 1966 | George D. Blackwood, Arlington |
| 1968 | Mrs. Amy Bess Miller, Pittsfield |
| 1970 | James F. Francis, New Bedford |

V. Genevieve Galick, Director

Alice M. Cahill, Assistant Director

M. Elizabeth Flynn, Senior Supervisor of Public Library Development
Charles W. Adams, Supervisor of School Libraries
Betty H. Flagg, Supervisor of Field Services
Catherine R. McCarthy, Supervisor of Field Services
Barbara A. Murphy, Library Reference Assistant

Section 101-101-101

Section 101-101-102

Section 101-101-103

Section 101-101-104

Section 101-101-105

Section 101-101-106

Section 101-101-107

Section 101-101-108

Section 101-101-109

Section 101-101-110

Section 101-101-111

Section 101-101-112

Section 101-101-113

Section 101-101-114

Section 101-101-115

Section 101-101-116

Section 101-101-117

Section 101-101-118

Section 101-101-119

Section 101-101-120

Section 101-101-121

Section 101-101-122

Section 101-101-123

Section 101-101-124

Section 101-101-125

Section 101-101-126

Section 101-101-127

Section 101-101-128

Section 101-101-129

Library Extension (Continued)

Julia M. Higgins, Regional Bookmobile Librarian, Fall River
Grace M. Baker, Regional Bookmobile Librarian, Greenfield
Marjorie E. Haselton, Regional Bookmobile Librarian, North Reading
Barbara L. Morey, Regional Bookmobile Librarian, Pittsfield
Cornelia B. Church, Regional Librarian, Greenfield
Rachel M. Sullivan, Regional Librarian, North Reading
Marianna H. Rowe, Children's Library Specialist, Greenfield

OFFICE OF SCHOOL LUNCH PROGRAMS

600 Washington Street, Boston 02111
542-8890

John C. Stalker, Director
Thomas B. Donoghue, Assistant Director

_____, Supervisor in Education
Frances R. Cullen, Assistant Supervisor
James J. McGrath, Supervisor in Accounting
Michael J. Relli, Supervisor of Distribution
Joseph J. Bunevith, Field Agent in Accounting
Joseph A. Cella, Field Agent in Accounting
Robert R. Cleary, Field Agent in Accounting
Bruno Maule, Field Agent in Accounting
Angelo A. Sbardella, Field Agent in Accounting
Marjorie E. Cowles, Field Representative in Nutrition
Louise Frederick, Field Representative in Nutrition
Ruth H. Taber, Field Representative in Nutrition
J. Bernice Bourell, Field Representative in Nutrition

DIVISION OF IMMIGRATION AND AMERICANIZATION

73 Tremont Street, Room 208, Boston 02108
227-0718

Members of the Board

Term Expires

| | |
|------|----------------------------------|
| 1966 | Gemma Valenti, Chairman, Medford |
| 1965 | Bernard Harmon, Brookline |
| 1965 | Carol Offenbach, Melrose |
| 1966 | Robert E. Patenaude, North Adams |
| 1967 | Mary E. Twomey, Belmont |
| 1967 | Eleanor Davoren, Milford |

Teofilina K. Tattan, Supervisor of Social Service

The first of the three main themes of this chapter is the importance of the past in the present. The second is the role of the past in the future. The third is the relationship between the past and the future.

THE PAST AND THE FUTURE

The past is the foundation of the future. The future is the result of the past.

The past is the source of the future. The future is the goal of the past.

The past is the foundation of the future. The future is the result of the past. The past is the source of the future. The future is the goal of the past. The past is the foundation of the future. The future is the result of the past. The past is the source of the future. The future is the goal of the past.

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The past is the foundation of the future. The future is the result of the past.

7

Social Workers

Carolyn D. Jackym
Bryna Lansky

Marjorie S. Reynolds
Guy A. Scutell

District Immigration Agents

Andrew W. Ansara, Lawrence
Daniel J. Donahue, Fall River

John A. McInnes, Springfield
Edmund B. Meduski, Worcester

DIVISION OF THE BLIND

14 Court Square, Boston 02108
523-0200

Advisory Board

Term Expires

| | |
|------|---|
| 1967 | Gregory Khachadorian, Chairman, Arlington |
| 1965 | George Alevizos, Boston |
| 1966 | Edward J. Waterhouse, Watertown |
| 1969 | Dace Moore, Braintree |
| 1969 | Nathan L. Shapiro, Randolph |

John F. Mungovan, Director

George Curtin, Supervisor of Individual Services
Frederick Greehan, Supervisor of Rehabilitation
Michael Sullivan, Supervisor of Research and Statistics
Thomas O'Donnell, Supervisor of In-Service Training
Ethel Fredrick, Supervisor of Aid to the Blind
Mary McLaughlin, Supervisor of Children's Services
Fay Callero, Supervisor of Home Teachers

SCHOOL BUILDING ASSISTANCE COMMISSION

88 Broad Street, Room 618, Boston 02110
426-8863

Ex Officio, Owen B. Kiernan, Commissioner of Education

Term Expires

| | |
|------|---|
| 1971 | Arthur F. Eldridge, Chairman, Shelburne Falls |
| 1971 | Gabriel L. DiBattista, Milford |
| 1971 | John E. Deady, Dorchester |
| 1971 | Harold Holmquist, Boylston |
| 1971 | Albert B. Humphrey, Great Barrington |
| 1971 | E. David Woodbury, Milton |

Simeon J. Domas, Administrator

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TEACHERS' RETIREMENT BOARD

88 Broad Street, Boston 02110
426-5497

Members of the Board

Ex Officio, Owen B. Kiernan, Chairman

Term Expires

1966 Raymon W. Eldridge, Brookline
1967 Helen M. Theinert, Springfield

Joseph B. Carroll, Executive Secretary

DIVISION OF YOUTH SERVICE

14 Somerset Street, Boston 02108
727-2733

Youth Service Board

Term Expires

1970 John D. Coughlan, Director of Division and Chairman of the
Youth Service Board, Melrose
Laura C. Stromdahl, Assistant to the Director
1965 Cecelia McGovern Field, Chestnut Hill
1971 Joseph W. Zabriskie

ADVISORY COMMITTEE ON SERVICE TO YOUTH

Term Expires

1970 Elsa Siipola, Vice-Chairman, Northampton
1966 Edgar Grossman, Newton
1966 John R. Mullen, Wollaston
1966 Reverend William H. Roche, Boston
1966
1968 Fred S. Fahey, Dalton
1968 James R. Goonan, Kingston
1968 Frank Walters, Watertown
1968
1970 Francis R. Carroll, Worcester
1970 Elaine A. Dray, Deerfield
1970 William W. Francis, Boston
1970 John D. O'Connor, Westfield
1970 James H. Quirk, Yarmouth
1970 Alberta Roosa Turner, Boston

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY

RESEARCH REPORT
ON THE CHEMISTRY OF THE

ORGANIC CHEMISTRY
OF THE

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OF THE

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| ORGANIC CHEMISTRY | | 1 |
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| 82 | 83 | 84 |
| 85 | 86 | 87 |
| 88 | 89 | 90 |
| 91 | 92 | 93 |
| 94 | 95 | 96 |
| 97 | 98 | 99 |
| 100 | 101 | 102 |

Youth Service (Continued)

| School | Superintendent |
|---------------------------------------|---|
| Industrial School for Girls | Elizabeth Van Waters, Lancaster |
| Industrial School for Boys | John Hastings, Shirley |
| Lyman School for Boys | Francis Ordway, Westborough |
| Reception-Detention Center for Girls | Beatrice M. Ingenere
105 South Huntington Avenue
Boston |
| Institute for Juvenile Guidance | John Ball, South Bridgewater |
| Judge John J. Connelly Youth Center | Francis M. Maloney, Jr.
450 Canterbury Street, Boston |
| Residential Treatment Unit | Patrick F. Creedon, Oakdale |
| Westfield Detention Center | Edward Coyne |
| Worcester Detention Center | Paul T. Leahy |
| Stephen L. French Youth Forestry Camp | William MacDonald, East Brewster |

EXECUTIVE COMMITTEE FOR EDUCATIONAL TELEVISION

Term Expires

| | |
|------|--|
| 1969 | William M. Powers, Chairman, Superintendent of Schools, Needham |
| 1966 | John B. Chaffee, Superintendent of Schools, Wellesley |
| 1966 | Robert D. Russell, Superintendent of Schools, Longmeadow |
| 1966 | W. Gordon Swan, Chairman of the School Committee, Milton |
| 1967 | Thomas J. Curtin, Deputy Commissioner of Education, Commonwealth of Massachusetts |
| 1967 | Hart Fessenden, Headmaster, Fessenden School, Newton |
| 1967 | Horace W. Hewlett, Secretary, Amherst College, Amherst |
| 1968 | William J. Cunningham, Assistant Superintendent of Schools, Boston |
| 1968 | Rt. Rev. Monsignor Albert W. Low, Superintendent of Schools, Archdiocese of Boston |
| 1968 | William F. Young, Superintendent of Schools, Braintree |
| 1969 | Norman Harris, Education Director, Museum of Science, Boston |
| 1969 | Robert J. McCartney, University of Massachusetts |

Louise G. McNamara, Acting Director of the 21 Inch Classroom

Phyllis K. Hyde, Assistant to the Acting Director

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COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF EDUCATION



ANNUAL REPORT
of
THE COMMISSIONER OF EDUCATION
JUNE - 1965

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ANNUAL REPORT
of the
COMMISSIONER OF EDUCATION

June 30, 1965

The application of any measuring device, precise or otherwise, would record 1965 as a milestone year. Truly significant history was made in the field of education both on the state and national levels. Unprecedented progress was realized in spite of turbulent conditions which were observed in every month of the year. The fact that major problems remain with us involving burgeoning enrollments, taxes, civil rights, and many others is a guarantee that the years following 1965 will be no less challenging.

STATE PROGRESS

On June 28, just two days before the close of the Commonwealth's fiscal year, the Governor signed into law Chapter 572. This far-reaching legislation will take its place among those consequential acts in our educational history beginning with the famous colonial laws of 1642 and 1647. Its official title is "An Act to Improve and Extend Educational Facilities in the Commonwealth," but

in its broadest dimension it touches on every aspect of school and collegiate operations. Chapter 572 is the direct result of a \$250,000 state-wide survey conducted by the Massachusetts Education Study Commission. The original request for such a study was initiated by the Department in 1960, and reasons therefor will be found in the Commissioner's Annual Report under date of June 30, 1961. The overriding needs might be listed briefly as coordination in the field of public higher education, the vesting of broader powers in the Board of Education to establish and enforce standards through an effectively strengthened Department of Education, and the recognition by the Commonwealth of its obligation to assist in underwriting education locally--hopefully in the amount of not less than 40¢ on each education dollar.

The new statute establishes three Boards, viz., a Board of Education, a Board of Higher Education, and an Advisory Council on Education. Their primary responsibility is to maintain quality programs of education for the children, youth and adults of Massachusetts. In seeking this most worthy goal the new Board members may be assured of the complete and continuing cooperation of the Commonwealth's Department of Education. However, as impressive as this new machinery may be, it will not function without appropriate fuel. In this case, the fuel must be a massive infusion of dollars. Unless adequate financial support is

immediately forthcoming, our efforts over the past five years become academic with little meaning or purpose.

FEDERAL GAINS

Last year's Annual Report dealt at some length with the role of the Federal Government in the educational enterprise. Specific reference was made to federal aid programs which earned for the 88th Congress the unofficial title of "The Education Congress." The two most important enactments included substantially increased assistance for vocational and higher education. For those who complained that the largest segment of American education was overlooked, i.e., elementary and secondary schools, the action of the 89th Congress must represent a most welcome change. For the first time in history a sizeable allotment of federal monies (more than \$1,300,000,000) has been earmarked for strengthening and improving educational quality and educational opportunities in the nation's elementary and secondary schools. Enacted as Public Law 89-10, five separate titles are designed to: (1) strengthen elementary and secondary school programs for educationally deprived children in low income areas, (2) provide additional school library resources, textbooks, and other instructional materials, (3) finance supplementary educational centers

and services, (4) broaden areas of cooperative research, and (5) strengthen State Departments of Education.

Subject to appropriation, Massachusetts initially should receive approximately \$20,000,000 broken down as follows: *Title I* -- \$13,998,754; *Title II* -- \$2,622,125; *Title III* -- \$2,581,226; *Title V* -- \$477,050. *Title IV* funds are not earmarked for states but will be reserved for the establishment of research and development laboratories on a national basis. However, in conjunction with several distinguished partners including our renowned institutions of higher learning, the Department already has filed a petition for the establishment of such a regional laboratory here in Massachusetts.

Although the several titles are important, particularly *Title I* with its provisions for disadvantaged children and youth, *Titles II* and *V* represent unique breakthroughs in previously neglected areas. The former deals with positive recognition of the increasingly critical need for adequate library resources and services. For reasons beyond the comprehension of most thinking citizens, libraries--which represent the very heart of an institution of learning--are regarded as luxuries. Nationally on the elementary school level, 47% of the public and over 50% of the non-public schools have no library. Others listed in the "have library" category offer facilities

and services which can only be described as pitifully inadequate. Secondary schools are not appreciably better off than those in the elementary category. Quality in school library programs has the highest of correlations with students' academic achievements, and *Title II* offers hope for an effective local-state-federal partnership in underwriting decent libraries.

Title V represents the other significant breakthrough by providing desperately needed funds for strengthening State Departments of Education. Although there has been universal acceptance of the fact that education is a State function, few states have properly financed these important agencies. Alternatives to strong State Departments are local leadership arrangements with only a few communities providing consistent quality, or an unacceptable and indefensible federal system of education. Today, the professional staff of this Department is spread so thin that service to school systems can only be rendered indirectly via bulletins and publications, through area workshops, seminars and conventions, with only occasional time reserved for individual teachers, and administrators at the local scene.

The Commonwealth's first and most illustrious Commissioner, Horace Mann, noted the time and responsibility disparities in his own case as early as 1840. In pleading for support of the Department's earliest counterpart and the

new Board of Education he wrote as follows:

Unless, therefore, the friends of Education, in different parts of the State, shall proffer their cordial and strenuous cooperation, it is obvious, that the great purposes, for which the Board was constituted, can never be accomplished. Some persons, indeed, have suggested, that the Secretary of the Board should visit the schools, individually, and impart such counsel and encouragement as he might be able;--not reflecting that such is their number and the shortness of the time during which they are kept, that, if he were to allow himself but one day for each school, to make specific examinations and to give detailed instructions, it would occupy something more than sixteen years to complete the circuit;--while the period, between the ages of four and sixteen, during which our children usually attend school, is but twelve years; so that, before the Secretary could come around upon his track again, one entire generation of scholars would have passed away, and one third of another. At his quickest speed, he would lose sight of one quarter of all the children in the State.

The phenomenal growth of Massachusetts since those early days obviously has compounded the problem of professional visitation and assistance. With each passing year additional thousands of students and teachers add to the weight of the task and the remoteness of its accomplishment. For this reason the implementation of *Title V* of the Elementary and Secondary Education Act of 1965 offers a bright ray of hope. With new monies, far more effective service procedures can be established at Department Headquarters in Boston as well as regionally. More will be said later in this Report on regional centers.

IMPROVING INSTRUCTION

The strengthening of administrative and supervisory services on both the State and local levels share a single goal, that of improving instruction. Among the numerous statutory and professional responsibilities of the Department is one to seek out and disseminate the better practices. A specific charge to the Commissioner can be found in Chapter 69, section 1 of the General Laws:

He shall collect and distribute information as to the condition and efficiency of the public schools and other means of popular education and the best methods of instruction; shall suggest improvements in the present system of public schools . . .

In responding to the above charge, Department officers must be sensitive to innovation, particularly the determination as to which of the newer practices are mere fads and which are truly defensible. Unfortunately, funds have never been adequate for this purpose. Massachusetts and the forty-nine sister states spend only a fraction of 1% on research and development. By way of comparison, many business and industrial firms commit over 10% of their annual budgets to research and development activities. In spite of fiscal limitations the Department participates continuously in seeking out better ways of doing things, with greatest emphasis on curriculum design. Sometimes this is done alone, at other times in partnership with local

school systems, institutions of higher learning, and allied educational agencies. The constraints of time and space prevent a complete listing of all activities of this type, but the following list may provide the reader with an idea of the scope and depth of the effort.

Computer Project

This project, the first formal program of its kind in the nation, is aimed at determining how computer-aided instruction can be used to improve the teaching of mathematics and problem solving at elementary, junior and senior high school levels. The system will consist of a network of teletypewriter terminals connected to a multiple access digital computer in the Cambridge facilities of Bolt Beranek and Newman, Inc., one of the country's leading research and scientific organizations. By means of easily learned programmed languages called Telecomp and Toll 1, students in the sixth grade at Belmont's Kendall School, in the ninth grade at Lexington High School, Brookline High School, and Phillips Academy in Andover, and in the eleventh grade at Westwood High School, can call upon the computer to solve problems in math, algebra, geometry, trigonometry, or even higher disciplines.

Sponsored by the U. S. Office of Education under

the Curriculum Improvement Program of the Cooperative Research Bureau, the \$176,000 study will be a major activity of the Department's expanding program of research and development in new teaching methods and techniques. It should give students a powerful tool that will enable them to explore both simple and complex mathematical relationships without becoming involved in long, tedious computations that might take many hours or class periods to perform manually. If we can develop the proper classroom procedures for the use of the computer, we may succeed in extending the high school student's grasp of the mathematical sciences well into the college level. It is not unreasonable to anticipate that every school in the state might someday be tied to a computer, not only for the teaching of mathematics but as a teaching aid for other subjects as well.

The Academically Talented

Fundamental to the success of the American educational enterprise is the acceptance of the equality of opportunity concept. Our schools must meet the needs of all the children of all the people. This means that no segment of the school population can be neglected. Programs must be developed for the physically and mentally handicapped, the emotionally disturbed, and those whose

behavior and performance are at normal levels or deviate only slightly from the norm.

Massachusetts has long been a leader in providing such programs and many "firsts" have been credited to us. However, adequate provision for those who are categorized as gifted or superior has progressed at a disappointing, snail-like pace. Too many have accepted the premise that academically talented students will "get by anyway," and the lowest of priorities has been accorded their needs. Other communities have settled for a single program caring for just a handful of students, but one which can be cited for purposes of publicity at appropriate times.

In recent years the Department re-expressed concern for the apparent neglect of the talented and steps were taken to do something about it. In 1960 a Study Commission was appointed and following a comprehensive survey specific recommendations were presented to the General Court (See The Education of Academically Talented Pupils -- authorized by Chapter 61 of the Resolves of 1960). Among these was a matching plan whereby the State and local community would share costs. An initial State grant of \$250,000 was requested to establish pilot projects. This past year legislative action was taken but only in the amount of \$50,000.

A modest start has been made and projects approved for the public school systems of Arlington, Greenfield, Marblehead, North Adams, Sharon, Woburn, Hingham, Haverhill, Taunton and Union #39 (Granville, Sandisfield, Southwick and Tolland).

More significantly, a Supervisor for the Academically Talented has been added to the Department staff. Previously these important responsibilities had to be carried on a marginal time basis by others in the Division of Elementary and Secondary Education. With the present momentum, substantial gains are anticipated on a state-wide basis in the immediate future.

The Disadvantaged

Equality of opportunity sounds an even more imperative call to action when one considers the education of the disadvantaged. In an earlier section of this Report, mention was made of the Elementary and Secondary Education Act of 1965. Its aim is to alleviate the economic and cultural ills of the less fortunate. The President noted the close relationship between poverty and the lack of educational development when he launched this country's "war on poverty" several months ago. Specifically, the Act is designed to help those children whose family income is less than \$2,000 annually. Although many citizens

The first part of the paper discusses the importance of the study and the objectives of the research. It then proceeds to a literature review, followed by a description of the methodology used in the study. The results of the study are presented in the next section, followed by a discussion of the findings and their implications. The paper concludes with a summary of the main points and a list of references.

The study was conducted in a laboratory setting, using a series of experiments to measure the effect of different factors on the rate of reaction. The results show that the rate of reaction increases with increasing temperature and decreasing concentration of the reactants. The data also indicates that the reaction is first order with respect to the concentration of the reactants.

The findings of this study have important implications for the understanding of chemical reactions and the factors that influence their rates. They also provide a basis for the development of more efficient industrial processes and the design of new materials.

assume that such a program is geared solely to the needs of several southern states and a few of our larger cities, the fact remains that all areas will become beneficiaries. It is interesting to note that Massachusetts, as one of the more affluent states, does not have a single community that lacks families in the \$2,000-or-less income bracket.

Once again, the Commonwealth took appropriate action in meeting certain needs of disadvantaged children and youth before the Congress or legislatures in a majority of our sister states acted. A companion measure to the statute on the academically talented, Chapter 650 of the Acts of 1964 authorized programs on the basis of state-community partnership. A similar amount was appropriated, i.e., \$50,000 under a matching formula, and to date the following towns and cities have been awarded grants: Springfield, Easton, Holyoke, Sharon, Arlington, and Boston.

For purposes of coordination, the Board of Education has assigned a Supervisor for Disadvantaged Programs to the Division of Elementary and Secondary Education, and we look to an increasingly effective program for these worthy young citizens.

Education and Race Relations

Last year's Annual Report devoted considerable space to the work of the distinguished Advisory Committee on Racial Imbalance and Education. On April 15 the Committee presented its final report (a 132 page document entitled, Because It Is Right--Educationally) and because of state and national demand, several thousand have been published in printed form. In addition, a 16 page scriptographic summary has been developed which may be found with the main report in state, local and institutional libraries under the title, Highlights of "The Kiernan Report."

Among other recommendations of the Advisory Committee was one to offer a course in race relations for professional and layman alike. Under a \$125,000 grant to the Department by the U. S. Office of Education, such a course will be offered this fall on educational television. Originating on WGBH-TV (Channel 2), subsequent broadcasts will be made available to other parts of the nation through educational television network facilities. Several institutions of higher learning including the University and our State Colleges, and a number of school systems will offer credit for this teacher-training endeavor.

The course, which constitutes national recognition of the Department's leadership in the sensitive field of human relations, will consist of a series of lectures and panel discussions by leading social scientists and educators. Topics to be televised will include the concept of race, the nature of prejudice, the history of the Negro, federal and state responsibilities regarding civil rights, as well as techniques and methods for educating underprivileged children and youth.

Center For Research And Development

Several years ago the writer in collaboration with the U. S. Commissioner of Education and the Dean of Harvard's Graduate School of Education, attempted to find a source of funds to be used in setting up a research and development center. Its primary purpose was to provide a clearinghouse service for research and curriculum materials. Particular emphasis was to be placed on field testing some of the newer practices and disseminating the results on a state-wide or regional scale. The latter point had as its immediate objective the elimination of an indefensible lag in getting school systems to accept and put into practice better methods and materials.

Unfortunately, anticipated federal financing did not materialize at that time, but the project was not forgotten. Utilizing another set of partners, a similar center was authorized this year and a \$2,400,000 five year contract consummated with the U. S. Office of Education. The center will concentrate on a major research effort to determine how individual, social, cultural, and other differences affect learning. Its official name will be the Center for Research and Development on Educational Differences and it will be located on the Harvard campus. In addition to Harvard and the Commonwealth's Department of Education, the partners are five cooperating school systems (Boston, Cambridge, Concord, Lexington, and Newton), Educational Services Incorporated, the Association of Independent Schools, the New England School Development Council, and others.

AN EVER WIDENING FOCUS

Not too many years ago, teachers and administrators could concentrate on the business of the school. This is not to say that problems were nonexistent, or that programs were more narrowly conceived and defined. As a matter of record a review of the Department's Reports beginning in

1838 will reveal many recurring issues. This fact was underscored when we republished, in conjunction with the Fiftieth Anniversary Convention, the program for the First Annual Conference of Massachusetts Superintendents of Schools held in 1915. Among topics scheduled for discussion were: Consolidation of Schools, Transportation of Pupils, Measuring Efficiency in Supervision, Professional Standards Among Superintendents, State Certification of Teachers, Improvement of School Administration, and Why Every School System Should Include A Kindergarten.

The most significant change affecting the profession today, involves controversial and perplexing issues which extend well beyond the school and its adjacent playground. The focus has been broadened to include issues affecting mankind everywhere--from assisting struggling new nations to resolving problems of a complex society in the highly developed countries of the world. Poverty, ignorance, crime, disease, war and threats of war, are but a few of the issues for which our system of education seeks solutions. Challenges and debates are common, not only on the world and national scenes, but within and beyond the borders of the 351 communities which make up the Commonwealth of Massachusetts. By way of summary a few of the controversies, needs, plans, and programs involving the Department are listed below.

Authority Of The Commissioner

Chapter 69, section 1 gives to the Commissioner of Education "supervision of all educational work supported in whole or in part by the Commonwealth." In keeping with this statutory charge he must collect information relative to the condition of the public schools. During the course of his duties, and following instructions from the Board of Education, he sought census information on the number of white and non-white pupils enrolled in the Commonwealth's public schools. The legal basis for such a census had been determined previously by the Attorney General. All but one school system complied with the request (See *School Committee of New Bedford and others vs. Commissioner of Education and another*) and furnished the information promptly. Among other contentions the School Committee held that the census was not authorized by law, it would serve no useful educational purpose, and that the racial population of the City did not lend itself to drawing realistic lines of distinction between white and non-white students.

During the year the Supreme Judicial Court ruled as follows on the case: (1) The enumeration and grant of the Commissioner's powers and duties in General Laws, Chapter 69 by implication give to him a substantial range of incidental authority to do in an ordinary and

reasonable manner those things required for the efficient exercise of the powers and satisfactory performance of duties. (2) The allegations that the Commissioner was acting under an improper delegation of legislative authority were not supported. "At most," the Court said, "he is collecting information from public officials in matters pertinent to his and their defined duties pursuant to statutory authority." (3) The classification of whites and non-whites was one which the courts and the Bureau of the Census found practical to apply in New Bedford and elsewhere. (4) Reasonable accuracy should be possible for a school committee, school officers, and teachers "who are not reluctant to cooperate with the Commissioner by furnishing him with information to which he is entitled by statute." (5) The relevance of the information sought cannot reasonably be questioned. "We (*The Supreme Judicial Court*) take judicial notice of the fact that controversial racial problems currently affect the administration of public schools, even in Massachusetts, and that information about the racial composition of student bodies may be of value to the Department's work."

Basic Education For Adults

The 88th Congress concerned itself with the total

spectrum of education and enacted legislation of benefit to adults as well as the in-school population. Specifically, Public Law 88-452 (*Title II, Part B*) provides for older citizens who wish to overcome the major handicap of illiteracy. In Massachusetts it is estimated that a quarter million adults who are eighteen years of age and over, have had less than six years of schooling. A grant of \$381,461 has been made to the Department for the purpose of establishing a basic education program to care for these citizens.

Those who desire such instruction will be counseled and tested prior to assignment to one of two levels, viz., a basic level comprising grades 1 through 4, and an upper level coinciding with work undertaken in grades 5 to 8. The training program should equip these people to obtain or retain productive, profitable employment, as well as to develop their capabilities in meeting their adult responsibilities as citizens in a free society.

Regional Centers

During the earlier periods of the Department's history, regulatory and service responsibilities were relatively limited. Legislative concern for such programs as teacher certification, caring for the

handicapped, the establishment and enforcement of minimum standards, regional schools, and the construction of buildings are of fairly recent vintage. To demonstrate the growth factor, the last named responsibility might be mentioned. In 1948, Chapter 645 was enacted and the School Building Assistance Program set in motion. Since that date, 1,365 schools have been authorized costing over one billion dollars. The Commonwealth's share approximates \$400,000,000 excluding the very limited cost of operating the Division. These new elementary, secondary, and vocational schools can be found in every section of the state and require the services of a qualified professional staff during the planning, construction and evaluation periods.

Other Divisions could be cited to show the need for immediate and effective services in the field. Among these would be the Divisions of University Extension, the Blind, Vocational Education, Civic Education, Special Education, and Elementary and Secondary Education. The last named serves over 1,000,000 children and youth enrolled in 391 community and regional school systems. To attempt service and/or regulatory responsibilities from a headquarters building in Boston is becoming less desirable with each passing year. Not only must local school officials wait for lengthy periods

in order to receive on-the-scene Department counsel and advice, but much time and money are wasted in travel.

On a small scale certain of the Divisions maintain regional offices and these have proved their worth. At this stage of the Department's development, and in view of substantially increased responsibilities under Chapter 572 of the Acts of 1965, it now appears feasible to launch a system of greatly strengthened regional offices. Although subject to review following a comprehensive study, six regional education centers could be developed with the headquarters unit serving the metropolitan Boston area. The others would serve the Central, Southeastern, Northeastern, Connecticut Valley, and Berkshire areas of the Commonwealth. Headed by an Assistant Director responsible to the Division Director and the Associate Commissioner for Curriculum and Instruction, each regional center would carry a small complement of generalists and specialists. In turn, teams from the headquarters staff in Boston supplemented by Ad Hoc Committees from colleges and universities as well as neighboring school systems, could be used in rendering professional services in the region. A few school surveys have been conducted using this staff procedure and they too have proved successful.

If pilot projects are preferred at this time, it is recommended that two such regional centers be established and evaluated following a two year operation. Substantial funds would not be necessary from the state and some savings would be realized as a result of personnel redeployment. Also, it is hoped that federal monies under Title V of the new Act will be available for regional centers.

The Question of Automation

In several fields of endeavor, particularly business and industry, it is recognized that we are living in an automated, computerized society. Few plants are constructed today without including a sophisticated system of computers and data processing. Unfortunately comparable systems are conspicuous by their absence among our schools. In far too many cases operations which should have been modernized some time ago, are being conducted on a manual basis causing bottlenecks and inexcusable delays.

In recent years a start has been made on a more efficient data processing center, but the equipment is far from adequate to meet present day demands. It is imperative that the Department get to the users, current information without an interminable time lag which makes

such information of little or no value. Among service needs are the certification of teachers (active staff now approaching 50,000), enrollment projections, census data, financial planning, per capita costs, testing programs, management control techniques, innovations and research information, in-service training, school construction, and many others. Conceivably a core system could be adapted to meet the basic legal needs of school systems on such matters as subject requirements, attendance laws, teacher appointment or tenure, and retirement.

A few larger or regional school systems have established data processing units although most of the work to date involves important but relatively unsophisticated procedures such as assignment of pupils to classes, and report card information. As mentioned in the discussion of the Department's computer project in mathematics, a state-regional-local partnership involving the broad spectrum of educational data processing would return immeasurable dividends without the expenditure of substantial funds by any one of the partners.

LEGISLATION

For many years it has been customary for the Commissioner to include in his Annual Report a summary statement pertaining to the new Acts and Resolves. A

The first part of the paper discusses the importance of maintaining accurate records of all transactions. It is essential for the business to have a clear and concise record of all income and expenses. This will allow the business to track its financial performance over time and identify areas where it may be able to reduce costs or increase revenue. The second part of the paper discusses the importance of maintaining accurate records of all assets and liabilities. This will allow the business to track its net worth over time and identify areas where it may be able to increase its assets or reduce its liabilities. The third part of the paper discusses the importance of maintaining accurate records of all debts and obligations. This will allow the business to track its financial obligations over time and identify areas where it may be able to reduce its debts or obligations. The fourth part of the paper discusses the importance of maintaining accurate records of all taxes and other legal obligations. This will allow the business to track its financial obligations over time and identify areas where it may be able to reduce its taxes or other legal obligations. The fifth part of the paper discusses the importance of maintaining accurate records of all other financial information. This will allow the business to track its financial performance over time and identify areas where it may be able to improve its financial situation.

review of these summaries reveals a pattern of productive and non-productive years. This does not suggest that certain legislative enactments are unimportant or meaningless, but rather that the passage of major bills affecting education appears to be on an interval or cycle basis. As an example, the 1948 session of the General Court authorized a long sought and substantial increase in State aid, as well as the passage of one of the nation's finest school building assistance programs (*See companion measures, Chapters 643 and 645 of the Acts of 1948*). Following this very productive session, several years elapsed before major laws affecting the Commonwealth's educational system were placed on the statute books. Other periods of our history could be selected to demonstrate this point.

In preparing for the present legislative year, it was agreed that the Department and allied agencies would concentrate on a single proposal, i.e., the recommendations of the Massachusetts Education Study Commission resulting from the two and one half year study. Earlier mention was made of Chapter 572 and its anticipated impact on our school and collegiate systems. As a consequence of the above agreement, the following list of recently enacted statutes cannot be categorized as of major importance. For the most part they deal with corrective measures, necessary clarifications of previously engrossed bills, or acts

dealing with individual communities and regions rather than the State as a whole.

ACTS

Chapter

- 34 - *An Act clarifying the licensing of correspondence school salesmen. Approved February 15, 1965.*
- 43 - *An Act repealing the law authorizing the granting of high school diplomas to certain students entering the armed services of the United States. Approved February 16, 1965.*
- 132 - *An Act relative to the appointment of teachers in the universities and colleges of the Commonwealth who are blind. Approved March 9, 1965.*
- 144 - *An Act validating the establishment of the Blackstone Valley Vocational Regional School District and validating in certain respects the proceedings taken by the Town of Northbridge at the nineteen hundred and sixty-four annual town meeting. Approved March 15, 1965.*
- 157 - *An Act placing certain regional school districts and regional vocational school districts under civil service law. Approved March 15, 1965.*
- 164 - *An Act authorizing school committees to hire aides for assignments in laboratories and classrooms. Approved March 18, 1965.*
- 172 - *An Act providing that certain teacher or administrative interns need not be certified by the Board of Education. Approved March 18, 1965.*
- 179 - *An Act authorizing cities and towns to appropriate money to provide indemnity insurance to protect against loss sustained in indemnifying teachers in certain cases. Approved March 24, 1965.*
- 204 - *An Act providing that a town may vote to transfer previously appropriated funds without the prior recommendation of the finance committee. Approved March 26, 1965.*

Chapter

- 208 - An Act relative to the organization of the school department of the City of Boston by the School Committee of said City. Approved March 29, 1965.
- 217 - An Act placing the school buildings in the City of Somerville under the control of the School Committee of said City. Approved March 29, 1965.
- 221 - An Act requiring school committees to administer aptitude tests annually to certain mentally retarded children. Approved March 29, 1965.
- 276 - An Act providing that school librarians and school library supervisors or coordinators be given tenure in the same manner as teachers. Approved April 7, 1965.
- 345 - An Act authorizing certain non-citizens to be certified to teaching positions. Approved April 20, 1965.
- 404 - An Act authorizing school committees to designate the locations of highway safety stations for children awaiting a school bus. Approved May 3, 1965.
- 471 - An Act providing that certain professional librarians, sub-professional librarians and pages shall be exempt from civil service law. Approved May 17, 1965.
- 502 - An Act providing for a plaque containing the words "For God and Country" to be placed in a conspicuous location in every public school building within the Commonwealth. Approved May 25, 1965.
- 572 - An Act to improve and extend educational facilities in the Commonwealth. Approved June 28, 1965.

RESOLVES

Chapter

- 48 - Resolve increasing the scope of the special commission established to make an investigation and study relative to retarded children and the training facilities available therefor. Approved June 8, 1965.

Chapter

- *Resolution encouraging the Department of Education to foster in all public schools of the Commonwealth the recitation of the fourth stanza of the National Anthem, at the opening of the daily school session.*
Adopted in Senate, February 25, 1965.
Concurrence in House, March 31, 1965.

CONCLUSION

In terms of organization patterns, three distinct periods mark the Commonwealth's history of education. The first extends from the establishment of the Board of Education in 1837 to the reorganization of State Departments in 1919. From that year until 1947, the Board performed advisory functions only with numerous decision-making responsibilities left to the judgment of the executive and legislative branches of government. Over the past eighteen years a greatly strengthened Board of Education administered important school, collegiate, and adult education programs. With the passage of Chapter 572 on June 28, 1965, we reach the end of an era and the beginning of a fourth period of our history.

Because the present Board of Education saw the need for much higher standards with even broader responsibilities being vested in a State Board, the members initiated the request for an in-depth study as early as 1960. They recognized that recommendations stemming from such a study

might well call for a new organization and their being legislated out of existence. Their simple guideline in this matter, as in all other matters during their tenure, was "What is best for the Commonwealth."

I am confident that citizens everywhere share my sincere appreciation for the competent and devoted services of those distinguished citizens who have been members of the several boards which are to be abolished under the new Act. Handicapped as they were by inadequate financing, theirs has been a monumental achievement. I am particularly grateful to those members of the Board of Education who have given so generously of their talents and energies in the quest for a superior school and collegiate system. They are worthy heirs of Horace Mann and the members of the first Board of Education who strove so valiantly to place Massachusetts in the forefront of American education.

Respectfully submitted,

Owen B. Kiernan
Commissioner of Education

June 30, 1965

BOARD OF COLLEGIATE AUTHORITY

The Board of Collegiate Authority conducted five public hearings during the year July 1, 1964 to June 30, 1965 on Articles of Organization, Certificates of Change of Name or Certificates of Change of Purpose referred to it by the Secretary of State as required in Section 30, Chapter 69, General Laws as amended. The Board approved the following:

Eastern Nazarene College, Quincy

The Certificate of Change of Purpose of the Trustees of Eastern Nazarene College was approved by the Board at its meeting of November 24, 1964. This approval authorized the Trustees to confer the degree of Master of Arts (with Major in Religion) in addition to those degrees already authorized, Bachelor of Arts, Bachelor of Science, Bachelor of Theology and Bachelor of Arts in Theology, Bachelor of Music, Associate in Arts and Associate in Science.

Worcester Foundation for Experimental Biology, Inc., Shrewsbury

The Certificate of Change of Purposes of the Trustees of Worcester Foundation for Experimental Biology, Inc., Shrewsbury to confer the earned degree of Doctor of Science and to award such appropriate honorary degrees as are usually conferred by colleges in this Commonwealth excluding medicine was approved by the Board of Collegiate Authority on May 27, 1965.

Bradford Junior College, Haverhill

The Board of Collegiate Authority at its meeting of June 30, 1965 approved the Certificate of Change of Purpose to authorize the trustees of Bradford Junior College, Haverhill to confer the degree of Associate in Arts.

Springfield Technical Institute, Springfield

Pursuant to the provisions of Chapter 562 of the Acts of 1963 (c.71, s.37A) the Board of Collegiate Authority at its meeting of March 25, 1965 approved the request of the School Committee of the City of Springfield to grant the degree of Associate in Applied Science to graduates of the two year course at Springfield Technical Institute.

-2-

This law, under which the above approval was granted, reads in part as follows:

If a school committee or the board of trustees of any industrial, technical, agricultural or vocational school subject to this chapter determines that sufficient need exists in such school for a course or courses beyond secondary school level and designed to prepare students for greater opportunities for employment in industrial, agricultural and technical occupations, it may submit in writing its plans for such course or courses to the state department of education. Upon the written approval of said plans by said department, such school committee or board of trustees may establish and maintain such extended courses of instruction on a technical institute level, and public funds may be appropriated for said purpose; provided, that such courses of instruction conform to such standards as said department may establish, and are maintained by said school committee or said trustees under the general regulations of the department. Any such school may use the designation "technical institute" with respect to the maintenance of such courses at such school, and the school committee or trustees of such school may, subject to the approval of the division of vocational education and the board of collegiate authority, grant the degree of Associate in Applied Science to persons who complete such course or courses of instruction....

BOARD OF COLLEGIATE AUTHORITY

The Board conducted three public hearings during the year 1963-64 on Articles of Organization, Certificates of Change of Name or Certificates of Change of Purpose referred to it by the Secretary of State as required in Section 30, Chapter 69, General Laws, as amended. The following were approved:

Atlantic Union College, South Lancaster

The Certificate of Change of Purpose of the Trustees of Atlantic Union College, South Lancaster for authority to confer the degree of Associate in Nursing was approved December 19, 1963.

Eastern Nazarene College, Quincy

The Board approved at its meeting of October 24, 1963 the Certificate of Change of Purpose of the Trustees for Eastern Nazarene College, Wollaston for authority to confer the degrees of Associate in Arts and Associate in Science, in addition to degrees already authorized.

Springfield College, Springfield

The Certificate of Change of Purpose of the Directors of Springfield College, Springfield for authority to confer the degree of Bachelor of Arts in addition to degrees already authorized was approved by the Board of Collegiate Authority at its meeting of October 24, 1963.

ANNUAL REPORT

Division of Elementary and Secondary Education

Year Ending June 30, 1965

This annual report may well be the final one for the entity known as the Division of Elementary and Secondary Education. Just before the close of the fiscal year Governor John A. Volpe signed into law Chapter 572 of the Acts of 1965. This legislative enactment provided for the reorganization of the Department of Education in accordance with the recommendations of the Massachusetts Education Study Commission.

The new legislation which goes into effect on September 26, 1965 reduces the number of divisions by about two-thirds to five. No provision is made for a Division of Elementary and Secondary Education. The many responsibilities of this Division will be included with others under the new Division of Curriculum and Instruction headed by an Associate Commissioner.

Even without the general reorganization of the Department, a change in the structure of the Division of Elementary and Secondary Education seems warranted. New State and Federal programs and the expansion of present responsibilities require an expanded framework of organization with provision for intermediate level administrative positions. An indication of the scope of the changes and the future possibilities will be found in the reports of personnel and programs which follow.

Personnel

The past year marked the close of a long career of public service to the students in the schools of the Commonwealth as Mrs. Martina MacDonald Driscoll retired. Mrs. Driscoll, as of October 1, 1964, hung up her pitch-pipe after twenty-seven years of leadership and support of Music Education.

Three resignations were accepted. Mr. C. Louis Cedrone, Supervisor in Education (Elementary) resigned December 18, 1964 to accept the principalship of the Hillside School, Needham. Mr. Frank F. Chrapliwy, Supervisor in Education (Conservation) returned to his previous assignment as a high school teacher in New Jersey as of September 9, 1964. Mr. John P. Hogan resigned as Senior Supervisor in Education (Guidance and Counseling) on September 1, 1964 to become Dean of Students at Wachusett Community College.

Welcomed as Division staff members were the persons listed below, indicating an expansion of services in addition to the replacement of the four staff members who left Department service.

| | |
|-------------------|---|
| December 28, 1964 | William F. Kelly, Supervisor
in Education (Elementary) |
| December 28, 1964 | Robert M. Lacey, Supervisor in
Education (Music) |
| December 28, 1964 | Ernest J. Mazzone, Supervisor in
Education (Modern Foreign Languages) |
| December 28, 1964 | Stewart S. Sargent, Senior Supervisor
in Education (Science) |
| January 4, 1965 | Joseph E. Bastable, Senior Supervisor
in Education (Guidance and Counseling) |
| February 1, 1965 | Raymond L. Gehling, Jr., Supervisor
in Education (Conservation) |
| February 1, 1965 | Robert L. Manning, Supervisor in
Education (Business and Office) |
| February 1, 1965 | Allie W. Scruggs, Senior Supervisor
in Education (Compensatory Services) |
| May 3, 1965 | Joseph M. Killory, Assistant Director
of the Division |

Supervisory Activities - Regular

Personnel additions indicated above did not provide for additional general supervisors at either the elementary or the secondary level. Staff members attempt through continued extensive travel to make up for a shortage of supervisory personnel to service the needs of the schools of the Commonwealth. During the past year a total of 1537 visitations were made to schools across the length and breadth of the Commonwealth and nineteen visits were made to the State Colleges.

Supplementing the program of school visitation, Division staff members organized and conducted seven state-wide conferences together with forty-six workshops for local or regional groups. In twenty-five instances staff members attended workshops conducted by other groups.

The Division members continued to participate actively in the evaluation activities of the New England Association of Colleges and Secondary Schools. Individuals participated in seventeen surveys conducted by the Association. The Division worked closely with the Massachusetts Junior High School Principals' Association in its pioneer activities in the development of a set of evaluation procedures for junior high schools. The junior high schools in Sharon and in Andover were the first to be evaluated.

In response to requests, Division personnel made 166 addresses to various groups. The supervisors were participants at professional meetings a total of 975 times within Massachusetts and 24 times at various out-of-state conferences.

Supervisory Activities - National Defense Education Act

The provisions of the National Defense Education Act, P.L. 85-864, were extended and broadened by Congressional action. Under Title III five new subjects were added bringing the number of "critical subjects" to eight and now including English, civics, reading, geography, and history as well as the earlier "critical subjects", science, mathematics, and modern foreign languages. The important change in Title V-A extended the provisions for guidance and counseling, and testing to elementary school pupils.

Federal guidelines and regulations were sent late in fiscal year. Most of the Division activity under the expanded Titles was concentrated on developing State procedures, guidelines, and application forms. The State Plans were approved too late in the fiscal year to permit local school district activities under the new regulations.

Once again Massachusetts school districts took full advantage of the available funds in the acquisition program of Title III. Reallotted funds were received in the amount of \$188,333.00 bringing the total Federal funds expended to \$1,546,958.00 for 928 projects.

The supervisory activities under Title V-A were directed toward the improvement of guidance services in the local school systems and toward the evaluation of requests for reimbursement for approved programs. A reimbursement of \$118,012.00 was made to school systems for the testing programs in grades 8 and 10 which assisted 243,865 students. A total of 474 schools met the provisions of the State Plan. These approved programs in guidance and counseling, and testing benefitted 300,356 pupils in these schools. An amount of \$287,497.00 in Federal Funds was sent to these communities as reimbursement.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF THE HISTORY OF ARTS
AND ARCHITECTURE
1100 EAST 58TH STREET
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Screening of applications and interviewing procedures were completed in time for recommendations to be made to the Board of Education. It is anticipated, as a result of Board action, that twelve additional supervisors will begin Department service under Title III early in the next fiscal year. These supervisors will be assigned to the added subjects of English, history, reading, civics, and geography.

The Elementary and Secondary Act of 1965

President Johnson signed on Easter weekend this educational legislation which will affect Department and Division activities during the coming fiscal years. Title V of the Act provides nearly one-half million dollars in Federal funds for "beefing-up" the Department staff services.

The administration of two titles of this new legislation (Public Law 89-10) has been assigned to the Division of Elementary and Secondary Education. Title I provides funds for programs to meet the needs of students who are educationally disadvantaged living in areas having high concentrations of low-income families. Title III supports the establishment of supplementary educational centers for demonstrations of exemplary educational practices and for providing services not currently available in sufficient quantity and quality.

It is expected that Federal Regulations and Guidelines for all Titles will be prepared so that local school districts may begin to participate in the Fall of 1965.

SECONDARY EDUCATION

During the 1964-65 school year the secondary education supervisors continued through planning, consultation, and field visits to provide leadership and service to the Commonwealth's public secondary schools.

Since the inception of the evaluation program of the New England Association of Colleges and Secondary Schools in 1955, the Massachusetts Department of Education has cooperatively provided strong leadership, and in a service role has done much to implement this evaluation program throughout the Commonwealth.

In working cooperatively with this evaluation program from its beginning under the Association, the Department has recognized the accomplishments of the program toward improvement of secondary education throughout the Commonwealth.

In the 1964-65 school year, nineteen of the Commonwealth's public high schools completed the evaluation program. During the year Department of Education representatives served as Chairmen to two of the visiting committees. At the same time a representative from the Department of Education served on each of the visiting committees for the nineteen schools evaluated.

High Schools Evaluated

1964-65

| | |
|-------------------------|------------------------|
| Attleboro | Dartmouth |
| Boston: | Norton |
| Boston Latin | Old Rochester Regional |
| Girls' High | South Hadley |
| Dover-Sherborn Regional | Taunton Regional |
| East Bridgewater | Taunton |
| Easthampton | Waltham |
| Franklin | Wayland |
| Great Barrington | Weymouth |
| Holbrook | Winchendon |

During the 1964-65 year, the Senior Supervisor continued to serve as a consultant in assisting schools to plan for their evaluations.

At the request of the School Committees of Southbridge, Williamburg, and Westport, the secondary education supervisors participated in surveys of their secondary schools. Further, the Senior Supervisor assisted the Massachusetts Junior High

School Principals' Association in planning and organizing the Evaluation Program for Junior High Schools.

Annual Conference

The Forty-second Annual Conference of the Massachusetts Association of Junior and Senior High School Principals was conducted at the State College at Framingham on Tuesday and Wednesday, April 20-21, 1965.

The Conference theme, "Quality Education in the Sixties," which was well received by the 300 participants, concerned itself with a variety of educational programs. The following topics were presented by panelists from all parts of the Commonwealth: Trends in Modern Mathematics and Science, Continuity in Foreign Language Instruction, A Look at Cooperative Research, Implications of the Vocational Education Act, 1963, The Ungraded Secondary School, Compensatory Education as Related to Chapter 650, Report of the Massachusetts Education Study Commission, Education and Race Relations, Current Issues in Junior High School Education, and the Role of the School Administrator in the Area of Collective Negotiation.

Mrs. Edward F. Ryan, Chairman, Massachusetts Educational Conference Board, spoke on "The Legislative Outlook for Better Schools," at the luncheon. Dr. David B. Austin, Professor Emeritus, Teachers College, Columbia University, addressed the conference at the dinner meeting on "Quality and the Principal's Dilemma."

The International Teacher Development Program

Again the Division of Elementary and Secondary Education cooperated in the International Teacher Development Program administered by the U. S. Office of Education with the Department of State.

In January, 1965, nine administrators from all parts of the world gathered in Boston for their assignment to communities throughout the Commonwealth. The Massachusetts communities indicated that the program afforded an excellent opportunity in developing greater understanding between peoples and nations.

The foreign administrators were assigned to the following communities:

| <u>Teacher</u> | <u>Country Represented</u> | <u>Community</u> |
|---------------------------|----------------------------|------------------|
| Mr. Ratan B. Bajracharya | Nepal | North Reading |
| Mr. Samuel B. T. Chilombo | Zyasaiana | Luolow |
| Mr. Frank Stephan Galic | Yugoslavia | Southbridge |

| <u>Teacher</u> | <u>Country Represented</u> | <u>Community</u> |
|-------------------------|----------------------------|------------------------|
| Mr. Jon R. Ejalnerason | Iceland | West Boylston |
| Mr. Andre Felix Jean | Haiti | Falmouth |
| Mr. She-Lung Leung | Hong Kong | Aston-Bonboro Regional |
| Mr. Ron Kumar A. Mistry | India | Abington |
| Mrs. Apila Pukhata | Thailand | Plymouth-Carver Reg. |
| Mrs. Sadequa Samad | Pakistan | Whitman-Tanson Reg. |

The culminating phase of this program was a meeting in the Department at which time a most interesting and stimulating evaluation of the foreign administrators' experiences and observations were presented.

At other times during the year 1964-65 the office of secondary education discussed education in the Commonwealth with visitors from Japan, England, India, Holland, and Germany.

In addition to the regular duties of the office of secondary education which include school visitations, conferences with administrators concerning educational programs, attending principals' discussion groups, and the previously mentioned work, certain other duties and responsibilities have been assumed or assigned. Among these were: State Advisory Committee on Alcoholism, member of the Committee on Unions and Regional School Districts, Member of the Executive Board of the Massachusetts Secondary School Principals, parolistic, Plymouth County Teachers Convention, member of the Executive Board, Massachusetts Association of Supervision and Curriculum Development, author of "Three Year Study on Drop-Outs, (1960-61, 1961-62, 1962-63)" and "The High School Graduate and Higher Education," and numerous other assignments concerning secondary education.

Secondary Education - Junior High Schools

A concentrated effort was made during the past school year to conduct regular visitations to junior high schools that were not visited the previous year. There were 68 junior high schools receiving regular visitations and a large number of other junior high schools were visited on special occasions such as group meetings, association meetings, planning committees for conferences, evaluations, and others. Their visitations serve as the primary contact of the Department of Education with its schools and the underlying factor motivating the visitation is providing service. A regular visit encompasses: conference with administrative staff, survey of the physical facilities, review of the curriculum, recognition for outstanding practices, and recommendations when needed. In many instances follow-up visitations were made to provide additional materials and information.

Junior High School Evaluation

During the 1964-65 school year the evaluation of Sharon Junior High School and Andover Junior High School marked an important step in the development of a junior high school evaluation program in the Commonwealth of Massachusetts. For a number of years the Commonwealth's junior high school administrators throughout the Nation, have devoted a great deal of study and work in preparation for this program. The culminating phase of their work was the publication of the Evaluative Criteria for Junior High Schools.

In cooperation with the Massachusetts Junior High School Principals' Association the Department of Education through the Division of Elementary and Secondary Education initiated and developed the evaluation program. At the Department's Annual Conference for Secondary School Administrators in 1961 a fifteen member committee was appointed to investigate and adopt an evaluative instrument and to establish a uniform procedure to be followed by all schools. The committee met periodically with Department officials and in 1963 the program was sufficiently developed to initiate the first two evaluations for the 1964-65 school year.

At the close of the 1963-64 school year both Sharon and Andover Junior High Schools reported the completion of the self-evaluation phase and requested the services of a visiting committee. Through the Department's facilities a master list of teachers, administrators, and supervisors was compiled to draw upon for visiting committee members. An official of the Department was designated to serve as chairman of the first evaluation in Sharon. The fine caliber of educators on both visiting committees resulted in excellent evaluations.

The underlying factor motivating this evaluation program is to improve junior high school education in Massachusetts. The actions taken by the Sharon and Andover Junior High Schools, staff, administration, and School Committees merit a great deal of praise, as this pilot evaluation program set the pattern for other junior high schools embarking upon their evaluation program.

Surveys

Departmental surveys of school systems having junior high schools were conducted in the following communities:

Williamsburg
Westport
Mt. Everett Regional (Sheffield)
Southbridge
Nantucket

Following each survey a written report was submitted with recommendations.

The junior high school representative participated in various capacities at Department and professional sponsored conferences. Conferences have many favorable aspects which make them of great value to the participants. The following are the leading conferences in which Junior High School Principals participated:

| | |
|---|---------------------|
| Fall Conference of the Massachusetts Junior High School Principals' Association | Chicopee |
| Conference for New Administrators | Sudbury |
| NAESP National Conference | Miami, Florida |
| Long Conference | New York |
| Massachusetts Secondary School Principals' Association and the Massachusetts Junior High School Principals' Association | Framingham |
| University of Connecticut Conference for Junior High School Principals | Storrs, Connecticut |

GUIDANCE

Personnel

Massachusetts public school guidance programs have continued to show improvement not only as to the number of counselors employed but also in the total amount of time assigned for guidance activities. The total number of counselors increased by more than two per cent from 1,183 in 1963-64 to 1,213 in 1964-65. The increase in volume of time assignment is indicated by the fact that the number of full-time counselors has increased by 13.9% from 875 in 1963-1964 to 997 in 1964-1965. Further increases are in prospect for 1965-66, and thereafter, as there develop new programs of elementary school guidance services.

To meet the new demand for elementary school guidance counselors and to keep pace with the continuing demand for secondary school counselors will require considerable effort. It is hoped that the State Colleges and the University, as well as private institutions of higher education, will extend and expand their guidance program training opportunities to insure a supply of guidance personnel of sufficient quality and quantity.

Since the initiation in 1958 of State Department activities under the National Defense Education Act, the guidance staff has increased from three to six supervisors. During this seven year interval seven supervisor have resigned to accept other positions. The latest resignation reduces the staff to five. As organized this past year each supervisor has been responsible for more than 80 public secondary schools, a number considerably in excess of the recommended ratio of 60-70 schools per supervisor. By the present method of assignment to more than 80 public secondary schools each supervisor serves approximately 200 local guidance workers.

In October of 1964 the Congress amended the National Defense Education Act to extend financial support for guidance, counseling, and testing into public elementary school grades. Since Massachusetts now has more than 1,750 elementary schools, additional supervisors must be employed to promote, develop, and service programs in these schools.

Supervisory Activities

The primary activity of State supervision is immediate service to Superintendents, Principals, Guidance Directors, and Counselors. This activity was achieved through contacts, consultations, and services rendered through 489 local school visits, an increase of 119 visits (32%) over the 370 visits

of the previous year. Other activities related to the development of guidance programs were:

1. Secondary school evaluations - 6
2. Talks and addresses to parent groups; area guidance associations; college groups; national, area, and regional conferences; and college classes - 22
3. Radio and T. V. presentations - 9
4. Attendance and participation in professional meetings - 37
5. Guidance Workshops - 16
6. Guidance Conferences - 20
7. U. S. Office of Education Conferences - 19
8. Conferences of the Department of Education or its Divisions - 27
9. Meetings of the State Guidance Advisory Council - 26
10. Meetings of the New England Counselor Trainers Association - 2
11. Committee meetings and conferences of the New England Conference of the American Personnel and Guidance Association - 2
12. Committee meetings and conferences of the Massachusetts School Counselors Association - 9
13. Meetings and conferences for the development of testing and guidance programs in private and parochial schools - 9
14. Meetings of the American Personnel and Guidance Association - 1
15. Conferences with persons seeking guidance positions - 57
16. Guidance surveys and studies - 6

Publications

Three newsletters were published. Publications of prior years, "Portals to Careers", "A Challenge to Parents", and "Testing for the Identification and Encouragement of Able Students in Massachusetts" were in general demand and were distributed throughout the United States and Canada.

A new bulletin "Guidance Services in the Elementary School" was published shortly after the United States Congress had amended the National Defense Education Act to provide financial support for the development and improvement of elementary school guidance

programs. The bulletin was the result of a wide range of studies and many conference meetings. Opportunely, this publication was ready at the very time when Congressional action upon the National Defense Education Act gave elementary school guidance the impetus which had been awaited for a number of years. The timeliness of the publication, coupled with complimentary comments by several U. S. Office of Education guidance and publication specialists, caused the first edition to be exhausted within a month and a second edition to be printed.

National Defense Education Act Programs

The major emphasis of supervisory activity has been on matters related to operations in developing, approving, and reimbursing local public secondary school guidance, counseling, and testing programs and private secondary school testing programs under the Massachusetts State Plan for Title V-A of the National Defense Education Act. The observations below seem pertinent.

1. Each year since the original enactment of the National Defense Education Act, the use of Federal funds to improve local guidance, counseling, and testing programs has stimulated local schools to expend ever-increasing amounts of money in support of guidance programs. In 1963-64 Massachusetts public secondary schools spent \$7,153,624.28 for these programs; this year they budgeted \$7,761,018.27, an increase of \$557,393.99 or 8%.
2. The expenditure by local public secondary schools of \$7,761,018.27 was 18.71 times the \$414,685.37 in Federal funds provided. In simple terms, Massachusetts public secondary schools spent \$18.71 to match each of the Federal dollar allotted for guidance approval and reimbursement in Massachusetts.
3. A total of 781 public and private secondary schools participated in the Massachusetts State Plan program for guidance, counseling, and testing under Title V-A of the National Defense Education. This was an addition of 137 participants, 21% over the 644 that participated in 1963-64.
4. In 1963-64, 258,233 public secondary school pupils were served by approved local guidance, counseling, and testing programs, but in 1964-65, 268,244 public secondary school pupils, an increase of 10,011 (3.8%) were provided such services. For this work in 1964-65, \$406,774.85 in Federal Funds were used - an increase of \$129,824.67 (47%) above the 1963-64 expenditures of \$276,950.18.

5. 25,414 private secondary school pupils were provided testing services in 1963-64; in 1964-65, 26,220 private secondary school pupils, an increase of 3%, were served. Federal Funds used for this testing were \$8,895.12 in 1963-64 and \$9,176.35 in 1964-65. This was an increase of 2.3%.

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ACADEMICALLY TALENTED

The efforts of many people have resulted, finally, in the partial reimbursement of a few communities for expenses incurred in establishing or maintaining programs for academically talented children of the Commonwealth. While the total reimbursement (\$33,000) provided little more than a token offering, it was a start.

Pilot programs in Haverhill, Taunton, and Union #39 (total cost of \$9,000) were approved in January 1965 by the Board of Education on the recommendation of this Division and the Commission on the Academically Talented. In June the remaining funds (\$24,000) were encumbered for communities whose programs were approved by the Board with the concurrence of the Commission.

The vast difference between the amount requested by the communities and the amount available made the establishment of severe priorities mandatory. Only programs which were clearly designed for academically talented children were considered, and then, only the costs of additional personnel and additional instructional materials which were "over and above" the costs that could have been reasonably expected if Chapter 651 had not been enacted.

A variety of programs are currently in operation throughout the Commonwealth, and the appointment of Mr. William G. Vassar as a senior supervisor, Academically Talented Program, will result in a much greater interchange of information about these programs. His intense interest combined with his strong background, which includes being President-elect of the National Association for Gifted Children, will stimulate increased activity during the coming year.

In conclusion, this report would be less than complete if it did not call attention to the fact that requests totaling \$185,000 were received in time for consideration at the June meeting of the Board of Education, as was previously indicated; additional requests and inquiries received after that meeting totalled more than \$100,000; and the development of new programs in communities without benefit of them at present will increase next year's total request even more.

It is clear, therefore, that greatly increased amounts of money are necessary if programs for the academically talented are to flourish in the Commonwealth.

The first of these is the fact that the
University of Chicago is a private institution
and is not subject to the same regulations
as public institutions.

The second is the fact that the
University of Chicago is a research institution
and is not subject to the same regulations
as teaching institutions.

The third is the fact that the
University of Chicago is a non-profit institution
and is not subject to the same regulations
as for-profit institutions.

The fourth is the fact that the
University of Chicago is a non-sectarian institution
and is not subject to the same regulations
as sectarian institutions.

The fifth is the fact that the
University of Chicago is a non-partisan institution
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as partisan institutions.

The sixth is the fact that the
University of Chicago is a non-discriminatory institution
and is not subject to the same regulations
as discriminatory institutions.

PHYSICAL EDUCATION, HEALTH, AND SAFETY

During the year 1964-1965, the Supervisor of Health, Physical, and Safety Education visited the schools of one hundred and twenty-one cities and towns, (including two regional schools) and sixteen colleges and universities. Other activities were as follows: 68 speaking engagements, 27 athletic meetings, 9 conferences and 59 meetings with superintendents, principals and physical education teachers.

Physical Education Conferences

The Massachusetts Department of Education Annual Physical Education, Health, Recreation, and Safety Conference was held at the Statler Hotel, Boston, on March 26-27, 1965. An estimated 2,200 Physical educators attended. Greetings on behalf of President Johnson and Governor Volpe were extended by Dr. Owen E. Kiernan, Governor Volpe, Stan Masial, Chairman of the President's Council on Physical Fitness, along with Senator Edward Kennedy sent telegrams congratulating our state on Physical Fitness. Commissioner Kiernan, Ralph E. Colson and Charles T. Sweeney, President of Massachusetts Association of School Committees, were guest speakers during the conference.

Other conferences attended were: Massachusetts School of Health, Massachusetts Safety Council, New England Safety Council, Massachusetts Elementary Principals Conference in Amherst, Massachusetts Junior and Senior High School Principals at Framingham State College, Massachusetts Superintendents at Bridgewater State College, Massachusetts School Committee and National School Committee Conference at Prudential Building, and Massachusetts State College Conference at Bridgewater.

Local Programs

Many elementary and junior high schools have planned excellent curriculum programs to fulfill their own physical education and health needs. Our Department has requested that every physical education period be primarily a period of instruction in which fundamentals, techniques, skills, and testing activities are stressed....not a period for free play. Out of 252 high schools, there are only 6 with no gymnasiums and 19 have no Physical Education program. Only 22 schools set aside 15 minutes a day for vigorous exercise. All 221 junior high schools have gymnasiums, but out of the 221, 19 have no physical education programs.

REPORT OF THE AMERICAN MEDICAL ASSOCIATION
ON THE PROGRESS OF THE MEDICAL PROFESSION
IN THE UNITED STATES DURING THE YEAR 1918
The American Medical Association, in its annual report, has
presented a comprehensive survey of the medical profession
in the United States during the year 1918. The report
covers a wide range of subjects, including the medical
education of the physician, the medical profession,
the medical service of the community, and the medical
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THE MEDICAL EDUCATION OF THE PHYSICIAN

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Also, of 1,800 elementary schools reporting, 469 do not have gymnasiums.

Awards

Certificates of Merit were presented to the Supervisor of Physical Education from the United States Navy, Kiwanis, Rotary and Lions Service Clubs in Massachusetts. These awards were in recognition of his efforts in promoting programs to meet the need for more Physical Education for all youth and adults in the Bay State.

Cooperative Activities

The State Supervisor of Physical Education assisted or cooperated with the following agencies, in matters concerning Physical Education, Athletics, Health, Recreation, and Safety:

The Massachusetts Registry of Motor Vehicles

Olympic Coach of the Netherlands concerning the new hot-top rubber track and Physical Education and Health programs.

The Young Men's Christian Association (New England Council)

The American National and Metropolitan Red Cross

The National and Massachusetts Safety Councils

The United States Olympic Track and Field Committee for 1964 (Japan)

The American Amateur Athletic Union (Executive and Foreign Relations Committee member)

The American Committee for Junior Olympics (member)

National Amateur Athletic Union (Vice-chairman Track and Field Committee, Vice-chairman Physical Fitness Committee, and Vice-chairman Olympic Development Committee)

New England Amateur Athletic Union (Member of the Executive Committee, Chairman Track and Field Committee, Vice-chairman Physical Fitness Committee, and Vice-chairman Olympic Development Committee, and also Vice-chairman Amateur Athletic Union Records Committee.)

The United States Armed Forces Physical Education Recreation Council.

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Special Notes

During July, 1964, the Supervisor officiated and directed the Junior Olympics at South Boston, East Boston, Greater Boston, Danvers, Wilmington, and the finals at Philadelphia. It is significant to note that approximately 5,000 boys and girls representing Massachusetts, Pennsylvania, and Maryland competed in the Eastern Junior Olympic Finals held at the University of Pennsylvania Stadium in Philadelphia. The Supervisor was referee and had personal charge of all the Massachusetts youngsters.

As National Vice-chairman and the New England Chairman of the National Amateur Athletic Union of Physical Fitness, the Supervisor is pleased to note that Massachusetts ranked second in the number of pupils taking the AAU Physical Fitness Test in the 1964-1965 school year.

The Supervisor was elected Assistant Manager and Coach of the Walkers and Marathoners of the United States Olympic Track and Field Team in Japan, October, 1964. In December, 1965, Governor Volpe appointed the Supervisor of Physical Education to serve as a member of the Governor's Physical Fitness Committee for 1965-1966.

In September, 1964, a committee, consisting of 30 Physical Education instructors, Principals and Superintendents and the Supervisor, was organized to develop a Physical Education Curriculum Guide Kindergarten through grade 12. Under the chairmanship of Dr. Mary Moriarty, Professor of Education, Bridgewater State College, this committee hopes to complete this major effort in the fall of 1965.

BUSINESS AND OFFICE EDUCATION

As the pendulum swings from one extreme to the other in the continuum of educational values, and while arguments continue over the secondary school's responsibility for general education, vocational education, and preparation for college, the field of business and office education must continue to demonstrate concern for meeting the needs of all students and to share in the responsibility for education in all these areas.

Business and Office Education in the Commonwealth of Massachusetts is well established, although in many instances the full development of a desirable program has been limited by the type and locations of classrooms and the lack of available equipment necessary for instruction.

The basic purpose of supervisory activities has been the improvement of instructional opportunities for students of business and office education. To achieve this goal, the supervisor served in an advisory and consultative capacity to local business educators and assisted them in improving their programs.

Visits, professional meetings and conferences resulted in specific encouragement for the evaluation of local programs as a first step in the improvement of instruction.

It is anticipated that business education will advance in the years ahead, the impetus has and will come from the Department of Education, the appointment of the first Supervisor of Business and Office Education, has stimulated business educators throughout the state to act. They appreciate the resources, consultations, leadership and cooperative services that are now available for them.

VISITS TO SCHOOL SYSTEMS

Seventy-two visits were made. County distribution was: Bristol, 1; Essex, 15; Middlesex, 26; Norfolk, 10; Plymouth, 7; Suffolk, 1; Worcester, 4. In addition to consultation with business educators, department heads, discussions of business education programs were held during these visits, with fifty-eight principals, seventeen superintendents, six assistant superintendents, two directors of curriculum and seven guidance counselors.

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PROMOTION

It is anticipated that approval of the Regulations, Guidelines, and Application Procedures relating to Business and Office Education under the Vocational Education Act of 1963 will be completed soon and distribution to the local school agencies for operation and reimbursement will be started in September or early fall and this will render encouragement and service to the Business Education Departments in the schools throughout the Commonwealth with a resultant improvement in the curriculum, instructional program, equipment, faculties and increase in the enrollment participation in the Business and Office areas.

ELEMENTARY EDUCATION

The following is the report of the Office of Elementary Education. The report includes a record of representative activities carried on by the supervisors of elementary education in their endeavor to improve the education of over 500,000 children in the elementary schools of Massachusetts.

The Office of Elementary Education continues to serve Massachusetts elementary schools with a staff of two supervisors.

It is impossible with two supervisors to provide adequate service to over 1770 elementary schools in the Commonwealth. An expanded staff is basic to improved supervisory and advisory services, as well as to a greater dissemination of information from the Massachusetts Department of Education.

School Visitations

One of the main functions of the Elementary section is to visit schools and classrooms. This function is being carried on to a limited degree since two supervisors can only visit a relatively few school systems, due to limitations of time and distance.

Approximately two hundred elementary school visitations were made throughout the Commonwealth by the two supervisors in the elementary education for one or more of the purposes listed below:

Observe educational programs in action and serve as an exchange between communities

Discover problems requiring state-wide attention

Evaluate important developments in elementary education

Determine needs in specific situations and act in a consultative role

Add strength to the learning programs in operation

Gain a more comprehensive picture of elementary education throughout the Commonwealth

Make presentations on current educational trends at teachers' meetings and other meetings as required.

The following is a list of the names of the students who have been admitted to the University of Chicago for the year 1911-1912.

Admission to the University of Chicago is subject to the approval of the Faculty.

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Annual Conference

The Thirty-fifth Annual State Conference for Elementary School Principals and Supervisors was held in April for three days at the University of Massachusetts. The theme of the Conference was "Charting Our Course."

Dr. John S. Davis, Jr., Superintendent of Schools, Worcester, Massachusetts, developed the theme of the Conference in his keynote address. The roster of speakers participating in this Conference included Mr. Owen B. Kiernan, Commissioner of Education in Massachusetts, Dr. Thomas J. Curtin, Deputy Commissioner of Education, Dr. Jack B. Childress, Dean, School of Education, Boston University, Dr. Alice V. Kellner, Professor of Education, Wheelock College, Dr. Richard Jones, Professor of Education Brandeis University, Dr. Benjamin Nichols, Director of Elementary Science Study, Educational Services Inc., Watertown, Dr. Margaret Boyd, Assistant Superintendent, Stoughtonville City Schools, Ohio, and Mr. Norman Rockwell, world-famous illustrator from Stockbridge, Massachusetts.

The Conference was attended by more than 1000 educators. Reports from those who attended the Conference indicate that both principals and supervisors felt this Conference was stimulating and educational. Most of the conferees expressed the hope that the forthcoming reorganization will enable the Department of Education to allocate more funds to expand the scope of the Conference and to bring from various parts of the United States able speakers to address future Conferences.

Related Services

The Office of Elementary Education has, as one of its primary tasks, the duty of informing the "public" about significant, educational changes, and also to indicate the manner in which the desired improvement in school systems is to be brought about.

The supervisors spoke to approximately 1000 lay persons at PTA meetings, as well as to over 2000 educators in meetings of professional study groups throughout the Commonwealth.

The supervisory staff served as guest lecturers at the State Colleges in Boston, Hynes, Lowell, and Salem, either during the Intensive Teacher Preparation Programs or during the academic year.

The elementary supervisors are actively associated as members of the Executive Boards of the Massachusetts Elementary School Principals Association and the General Supervisors of Public Education in Massachusetts, as well as

THE FIRST PART OF THE HISTORY OF THE
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IN TWO VOLUMES.

LONDON:
Printed by J. BARNES, in Pall-mall.
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being members of the Massachusetts Association for Supervision and Curriculum Development.

Members of this Office visited regional elementary principals' study groups throughout the Commonwealth in order to keep well informed on what action is being taken at the community level in elementary education.

The Senior Supervisor accepted an invitation to serve once again as a member of the ad hoc committee for the Kindergarten Conference, sponsored jointly by the New England School Development Council and Wesley College, and also served as consultant during the Conference which enrolled participants from the six New England States.

In-Service Education

The Office of Elementary Education, by offering in-service programs, has endeavored to meet the needs of the various communities in helping them solve local problems.

Workshops and/or conferences of varying lengths were held for the following communities under the leadership of the Office of Elementary Education, or in conjunction with members of Title III of the National Defense Education Act.

| | | |
|------------|-------------|-----------|
| Needham | Becket | Southwick |
| Malden | Chester | Tolland |
| Huntington | Middlefield | Quincy |
| Montgomery | Granville | Athol |
| Russell | Sherfield | Royalston |
| | | Walton |

Evaluations

The Office of Elementary Education was called upon by the Director of the Division of Elementary and Secondary Education to be a part of survey teams and to make recommendations in several communities.

Evaluations were carried on in the following communities:

| | |
|-----------------|-------------|
| Ware | Wentworth |
| Alford | Southbridge |
| Agawam | Becket |
| Montgomery | Phillipston |
| New Marlborough | Royalston |
| Sheffield | Templeton |

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THE UNIVERSITY OF CHICAGO
DEPARTMENT OF THE HISTORY OF ARTS
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CONSERVATION EDUCATION

Conservation education has become one of the major topics of interest at all levels of our society. From the federal level to the local level, more and more people are urging that a greater emphasis be placed on the need of wise natural resource management. To quote President Johnson, "Our conservation must be not just the classic conservation of protection and development, but a creative conservation of restoration and innovation. Its concern is not with nature alone, but with the total relation between man and the world around him." The key to this is conservation education at all levels.

The Massachusetts Department of Education has taken an important stride forward in the field of conservation education with its support of the new student/teacher series entitled OUTLOOK. The first issue of OUTLOOK, published in cooperation with a private foundation, The Fund for the Preservation of Wildlife and Natural Areas, was overwhelmingly received by the local school systems. Approximately 146,000 copies were ordered by over 800 schools plus a number of miscellaneous organizations. It is planned to continue publishing OUTLOOK on a semi-annual basis with a significant increase in requests expected.

The majority of the supervisor's time was spent in visitations to schools carrying out several kinds of supervisory responsibilities. Conservation assemblies were given at fifteen different schools. These assemblies varied from film/discussion meetings to outdoor field trips. The grade levels covered were one to twelve with the largest numbers of pupils in grades six through nine.

Three teacher workshops were attended to assist the teachers in utilizing more conservation material within their present curriculum offerings. This is an area that will require greater effort in the future and plans are already underway for more teacher workshops. Five conferences were attended including the major ones for the administrative personnel of the public school systems.

Five schools requested assistance in planning conservation areas on school lands or in establishing advance courses in conservation within the school system. An increase in this type of service is anticipated as more and more school systems plan fuller utilization of school lands. The supervisor served as judge at only two science fairs. As most exhibits are non-conservation oriented, science fair judging will occupy only a small portion of the supervisor's time.

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A considerable amount of time is requested of this office by various conservation organizations. These meetings are more important to keep abreast of current conservation activities, to avoid duplication of efforts by coordinating the activities of various groups, and to find other groups and persons able to assist the supervisor in his efforts. Among the more important groups that participated in thirty-eight meetings are:

Massachusetts Advisory Committee on Conservation
Education

Massachusetts Department of Natural Resources

Massachusetts Division of Fisheries and Game

Massachusetts Audubon Society

Massachusetts Conservation Incorporated

Massachusetts Federation of Sportsmen's Clubs

Council of Sportsmen's Clubs of Massachusetts

Worcester County Extension Service

American Forest Products Industries

SCIENCE AND MATHEMATICS

The past year has been one of tremendous progress in the broad field of science and mathematics and no less in the field of science and mathematics education. Just as the great national effort in basic research has gone steadily forward, so has the effort in the field of curriculum study been going forward at an accelerated rate. Increasingly great amounts of Federal money have been channeled into these fields through the National Science Foundation, the U. S. Office of Education, and many other Federal agencies. The catalytic effects of these developments are becoming evident in all fields of the educational enterprise. The work of publishers, independent authors, and local curriculum committees has been greatly influenced by these efforts.

The Supervisors of Science and Mathematics have endeavored to bring knowledge and understanding of these developments and trends to the local communities. The most obvious phase of this program has been assisting in interpreting the laws and forms and mechanisms necessary to acquire Federal aid through Title III of the National Defense Education Act. While this has been a time consuming process, it has not been the most important aspect of the work which was carried out in the local communities. More important is help in interpreting the spirit as well as the letter of new curriculum programs.

By means of both large and small conference, administrators and teachers have been assisted in revising programs of study and in detailing the content and methods involved in individual courses. Specifically, it is felt that the essentials of the new science and mathematics curricula involve three basic tenets. The first of these has been described as "INQUIRY". This involves a teaching situation which permits open-mindedness of thought and a chance for student discovery. Obviously, this latter must be a "contrived" discovery since we cannot afford the luxury of 2000 years of investigation on the part of an individual. Rather than telling or even demonstrating, the student is provided with a situation which permits him to come to his own conclusions and, we hope, to open many avenues for future exploration.

The second aspect of this new approach involves thinking rather than memorizing. This, of course, includes problem solving and the use of the scientific method freed of rigid steps and format. It is quite obvious that the old formalized steps which were said to be the scientific method were actually involved in reporting discovery rather than arriving at the discovery.

The first settlement in Boston was made in 1630, when a group of Puritan settlers, led by John Winthrop, arrived on the ship *Arcturion*. They established a colony on the eastern shore of the harbor, which was named Boston in honor of the city of Boston in England. The settlers were motivated by religious and political ideals, and they sought to create a society based on the principles of the Bible and the teachings of the Puritan faith.

The early years of the colony were marked by hardship and struggle. The settlers faced a harsh winter, and many of them died of disease and starvation. Despite these challenges, the colony survived and grew in number. The settlers established a system of self-government, and they elected a council to manage the affairs of the colony.

The colony's growth was rapid, and by the mid-17th century, it had become one of the most important cities in New England. The settlers engaged in trade with the West Indies and Europe, and they became known for their shipbuilding and commerce. The city's population increased steadily, and it became a center of education and culture.

The city's history is filled with significant events, including the Boston Tea Party and the American Revolution. The city played a central role in the struggle for independence, and it was the site of many important battles and decisions. The city's legacy is preserved in its architecture, its museums, and its traditions.

The third aspect of the "new science" or the "new math" requires the provision of facilities and equipment. These are used as a means to an end, rather than as items of equipment which are of interest for their own sake. It is clear that the simplest forms of equipment and instrumentation should be used to assist in the beginning of the learning process. As a student develops his understanding and skills of perception, the need for more sophistication becomes apparent to him. He may start with a magnifying glass, but eventually he will need a compound microscope. While a pocket watch may suffice in the beginning, eventually he will need the high speed capacity of an oscilloscope. Only when this is in answer to a "felt need" do we provide this more complicated and expensive instrumentation. At this stage of the process, we extend man's senses and his muscles. It is not an easy task to accomplish these aims. It involves a rethinking and a restructuring of our entire curriculum, better understanding of our legitimate aims, and certainly a re-evaluation of our instruments of testing.

It is felt that the perspective gained by the supervisors who have access to the new materials, publications and conferences in their subject areas and who have the unique opportunity of state-wide travel and attendance at regional and national meetings, should make it possible for them to give valuable advice and assistance to administrators and teachers. Considerable time and effort have been expended by the supervisors in assisting in the planning and specifications for new classroom and laboratory facilities. It is clear that the newly evolving pattern for instruction in the coming years will require rather different physical facilities than have been required in the past. Furthermore, with individual student participation will come the requirement for much more flexible space, more storage areas and security provisions to permit uninterrupted project activity to continue for weeks and months rather than for hours.

Adequate provision for individual differences will require that mathematics and science activity take place in small groups and that spaces need to be provided for this purpose. At the same time, many activities can take place in large groups and certainly provisions should be made for team teaching and for more efficient audio-visual presentation. New facilities should also make available reference and conference centers similar to those available to scientific personnel and research workers in industries and universities. It seems quite clear that students should do the things that scientists do in the type of facilities that scientists use. Students are quick to perceive the difference between real and artificial situations. Administrators, teacher committees, architects, and building committees were advised of these trends in the development of improved teaching facilities.

The first part of the paper discusses the importance of the study and the objectives of the research. It also provides a brief overview of the methodology used in the study. The second part of the paper presents the results of the study and discusses the implications of the findings. The third part of the paper concludes the study and provides some suggestions for future research.

The results of the study show that there is a significant difference between the two groups. The first group showed a higher level of performance than the second group. This difference was statistically significant at the 0.05 level. The implications of these findings are that the first group may have a higher level of skill or knowledge than the second group. This suggests that the first group may have received better training or had more experience.

The study also found that there was a significant difference between the two groups in terms of the time taken to complete the task. The first group took less time to complete the task than the second group. This difference was also statistically significant at the 0.05 level. The implications of these findings are that the first group may be more efficient than the second group. This suggests that the first group may have received better training or had more experience.

Supervisory Visits

The staff has traveled extensively throughout the school system. Several hundred visits have been made. Many of them have been made in response to requests from local administrators and teachers. Others have been carried out to ensure full understanding of current programs in science and mathematics.

School Surveys

The staff has continued to assist in the formal evaluation program of the New England Association of Colleges and Secondary Schools and in surveys of school systems which the Department of Education has carried out at local request. These include evaluations in Nantucket, Weyland, Holbrook, Attleboro, Taunton and others. The supervisors participated in surveys of local school systems in Sheffield, Nantucket, Southbridge, Williamstown, and Provincetown.

Professional Liaison

The duties of the supervisors require close liaison with other professionals in the field of science and mathematics education, including colleges, research and development groups, professional societies, and business organizations. The supervisors spent a rather considerable amount of time in these activities. Attendance and participation at several national conferences and regional meetings were authorized and reports of these meetings were made to the Commissioner, Director, and Commissioner of Administration and Finance. These activities were considered to be most valuable.

Science Fairs and Seminars

The supervisory staff participated actively in the planning and administration of the Massachusetts State Science Fair and in science seminars held under the auspices of the Department of Education jointly with the Massachusetts Institute of Technology, the Arthur D. Little Corp., and the U. S. Army Quartermaster Corps. Similar seminars were sponsored by the National Aeronautics and Space Administration (NASA) and the National Science Teachers Association (NSTA) and the Supervisors cooperated fully with this activity. The Supervisors also assisted with a number of local science fairs.

Conservation Editorial Board

During the time that the Division was without a Supervisor of Conservation, Mr. Packard was designated to act in an interim capacity in matters which came to our attention concerning Conservation Education. A number of meetings of the

Conservation Editorial Board were attended in order to provide liaison with the Department. During this time the Editorial Board made final arrangements for the publication of a series of conservation leaflets to provide materials for social studies and science teachers related to conservation. The first series dealt with water resources and provided material at the elementary, junior high and senior high school levels. Teacher's guide inserts were provided for these leaflets. Toward the end of the year a Supervisor of Conservation Education was appointed and he has reported that the distribution of these leaflets has been very favorably received by the schools.

Mathematics Project in Computer Education

An experimental research program which uses a computer as a classroom teaching aid in elementary and secondary schools has been inaugurated in selected Massachusetts communities. Mr. Richardson, who was instrumental in developing this project, has been designated as Principal Investigator.

The experiment, aimed at determining how computer-aided instruction can be used to improve the teaching of mathematics and problems solution at grade school level, Junior High and High school levels, uses a network of teletypewriter terminals connected to a half-million dollar multiple access digital computer in the Cambridge facilities of Bolt, Beranek, and Newman, Inc. By means of easily learned programmed languages called Telcomp and Tell 1, students in the sixth grade at Belmont's Wendell School, in the ninth grade at Lexington High School, Brookline High School, and Phillips Academy in Andover, and in the eleventh grade at Westwood High School, can call upon the computer to solve problems in math, algebra, geometry, trigonometry, or perhaps some higher disciplines...can explore mathematical functions...or can even play mathematical games, such as giving the computer values for two or more unknowns and, based on the answers, proceed to develop the appropriate equations.

Arrangements have been made for students in adjacent communities such as Dedham, Needham, Walpole, and Wrentham to also have access to the terminals on a part-time basis.

Sponsored by the U. S. Office of Education under the Curriculum Improvement Program of the Cooperative Research Act, the \$176,000 program is a major activity of the Department's expanding program of research and development in new teaching methods and techniques. Bolt, Beranek, and Newman, Inc. will provide the computer, assist in conducting

the in-school program, and provide the facilities for a six weeks institute to be conducted in July and August, 1965, to acquaint teachers from participating schools with the use of the computer terminals, the language, and the system capabilities. Two terminals were installed in June in Westwood and in Brookline. Both were active until the end of the school year.

This project gives students a powerful tool that will enable them to explore both simple and complex mathematical relationships without becoming involved in long, tedious computations that might take many hours or class periods to perform manually. The program is not limited to modern math, nor to talented students, and does not involve any of the students in lengthy study of computer programming. Rather, it is adaptable to any part of the math curriculum, is expected to be used by the average students as well as the scholastic leaders, and does not require any knowledge of how the computer works.

Cooperative Research--Small Contract Proposal in Mathematics

"Bridging the Grade Six to Seven Gap with Continuous Progress". This proposal, initiated by the Weston Public School Department is attempting to provide individualized programs in mathematics for all children in grade six and seven. Material has been developed and a laboratory setting has been provided to develop team and individual learning utilizing the concepts of team teaching and teacher aide. Mr. Williams provided liaison with the Department which submitted the proposal to the U. S. Office of Education for approval and funding under the Cooperative Research Program.

Mathematics Fair

The Fifth Annual Statewide Mathematics Fair was held at Salem State College on March 20, 1965. The fair was co-sponsored by the Massachusetts Department of Education, Salem State College, and the Essex County Teachers Association.

Participants, selected from preliminary Mathematics Fairs held in seven regions throughout the State, met in the Salem State College Gymnasium to display their projects. Participants in the Fair represented Junior High School and Senior High School students who were regional fair winners in the pre-fair statewide competition.

The purpose of the mathematics meeting was "To stimulate and maintain an interest in Mathematics, and to provide an opportunity whereby students may share their mathematical experiences with other students."

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The 175 exhibitors demonstrated a high degree of mathematical insight in the research related to their projects. The sixty-five judges ranging from College professors, through executives in industry to classroom teachers at Junior and Senior High School levels, expressed the feeling that the depth and sophistication manifested a true love for and a deep knowledge of the subject matter. Each contestant was asked to give a three to five minute verbal discussion of the mathematics involved in his or her particular research project and to answer questions by the judging teams.

Leadership Workshops in Elementary School Mathematics

The first workshop of this kind to be held in Massachusetts was held at Salem State College during the summer of 1964. Two more workshops of the same type are planned for the summer of 1965, one to be held at Bridgewater State College and the other at Westfield State College. The objective of these workshops is to train selected elementary mathematics leaders who will conduct in-service workshops in their own school systems during the following school year and/or who will serve as reference people in curriculum studies.

The workshops are of three weeks duration, meeting three hours each day for a total of 45 hours of classroom instruction. The participants are expected to complete both short-term and long-term assignments. The workshop content consists of subject matter, elementary school methodology and grade placement, and an overview of the major elementary mathematics programs. The workshops are a Title III program under the National Defense Education Act. Certificates are granted to participants who successfully completed the workshop. Many school systems credit these workshops toward professional improvement requirements.

Summary

The supervisors have reviewed the activities of the past year with the feeling that, although much remains to be done, considerable progress has been made in developing improved instruction in Science and Mathematics in the public schools. Administrators and teachers have welcomed our visits and our advice. In the field of curriculum study, consultant services from the staff have been requested in an increasing number of instances, and supervisors have been able to assist in performing revisions in courses of study. This has been particularly noted in the junior high school area where there are very many encouraging signs of progress. More superintendents have asked for advice at an earlier stage of planning for the construction of new classrooms and laboratory facilities. We feel that this improvement in planning will have beneficial effects for years to come.

The activities of the past year have proved very stimulating and rewarding to the science and mathematics supervisors and we feel that the Division has provided increasingly effective service to the local schools. There are exciting changes on the horizon with the promise of greatly expanded interest and aid for our activities. The staff welcomes the prospect of expanding and increasing services to the local schools in the areas of Science and Mathematics; but there is a new sense of urgency in the problems we face as a nation today, and we must not deceive ourselves that there can be business as usual. There is a scientific society. Science pervades government, economics, business and daily life. The decisions that our citizens must make have a vital bearing on our national security as well as the economic success of our workers. Scientific machines have been said to possess ability of a high school education. New beings need more in order to compete. Proliferation of knowledge has made it impossible to be competent in all areas. We must emphasize the methods, the attitudes, the enthusiasm, the open-minded search for truth which characterize successful scientists. A child's eager curiosity and the scientific enterprise spring from the same source. We must capitalize on it and guide it as motivation for the learning process. Our aim is an active student involvement and an exploration of important basic conceptual sciences in science. For these we hope to provide the physical environment, the tools, the mental stimulation, and enthusiastic skilled teachers who can make use of the most enlightened methods now available to accomplish this vital purpose.

MODERN FOREIGN LANGUAGE EDUCATION

Title III

If judged only on the basis of financial assistance to the local schools, this fiscal year must be considered highly successful. A total of 193 modern foreign language projects were recorded which included nine for elementary schools, 155 for secondary schools and 34 combined. The maximum federal reimbursements added up to \$359,781.06 which was, no doubt, largely stimulated by the abandonment of the plan of basic allotments and the absence of a ceiling on maximum federal reimbursement. Much of this activity has been stimulated because of the construction of new plant facilities.

At least 31 new laboratories, and some of them in junior high schools, have been or will be installed as a result of the planning, processing, and approval of projects during 1965. In a few cases the 1965 laboratory represents a second facility to accommodate increasing numbers of modern foreign language pupils and to provide more frequent practice opportunities. In addition to the new installations, eleven laboratories were expanded to full class size or were improved by the addition of recording facilities. Practice is demonstrating more and more the advantages of full recording equipment.

School Visits

The addition of a third modern foreign language supervisor has led to a correspondingly high increase in the number of school visits to advise and consult with administrators, supervisors, and foreign language teachers relative to the instructional program, the selection of materials, and the installation of equipment.

The three supervisors visited a total of 230 cities, towns and regional school districts for classroom visitations, consultations, and planning sessions.

Workshop Program

The Title III modern foreign language supervisors have continued to improve and expand their instructional services to teachers of modern foreign language.

Three one-week workshops on the instructional and equipment phases of the language laboratory were conducted in Voburn, Hatfield, and Clinton in August of 1964.

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This year witnessed the continuation of the very successful type of workshop that was initiated last year. The basis of these workshops are the films of the Center for Applied Linguistics and the Capreta films which offer new materials on applications of linguistics and demonstrations of teaching. These films have been extremely valuable in providing actual classroom teaching for the benefit of the classroom teacher. They also provided an excellent basis for discussion of teaching techniques. These workshops were held in the following area centers: Springfield, Leominster, Fall River, and Winchester.

Enrollments

Generally, perhaps, the statistics reveal a slight downward skew. When the latest totals are compared with those of 1963-64, we observe a decrease of 16,340 from the previous year's total foreign language enrollment. Since the data is incomplete, it is difficult to state categorically that this indicates a trend. This is the first time since 1958-59 that total enrollment have not continued to rise steadily. The general decrease, nevertheless, does not vitiate certain substantial gains in specific areas.

In general fairly substantial gains were made at the junior high levels (grades 7-8) in the modern foreign languages. This reflects the continuing attention given to early instruction in modern foreign languages.

Modern foreign language enrollments in secondary schools (7-12) during the period 1958-59 to 1964-65 represents a gain of about 97%, almost doubled. Foreign language enrollments still continue to increase at a rate faster than the secondary school population growth.

The Massachusetts Advisory Committee on Foreign Languages

Since its inception in 1959-1960 this working committee has been of invaluable assistance to this Division in recommending, initiating and cooperating in a number of important matters relating to foreign language learning and teaching.

One of its most important contributions has been its participation in the study of certification requirements and the drafting of recommendations for their improvement. Most recently it has cooperated in the development of a study working with representatives of colleges and universities in surveying their progress of teacher preparation.

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The study pointed up the need to give greater attention to the preparation of teachers of foreign languages. As a result, a Statewide Conference was held at Harvard University on May 7, 1965. This was indeed a significant milestone in the affairs of foreign language instruction in the State of Massachusetts.

Conference on the Preparation of Foreign Language Teachers

The main purpose of this conference was to stimulate the improvements of programs of modern foreign language teacher preparation. The 225 participants, the majority being department heads, coordinators, supervisors and those responsible for administering foreign language programs on the elementary, secondary, college levels, represented a wide sampling of public and private school foreign language instruction in the State. One very important outcome of the conference was the creation of a dialogue between university department chairmen and elementary and secondary school supervisors. The participants own evaluation of the program revealed that further conferences of this type should be held on an annual basis.

Equipment and Materials Center

Again we emphasize the need for a Center located in the immediate proximity of our base of operations. A location very close to office operations would save considerable time, provide for a better milieu for writing, and serve more adequately the needs of foreign language teachers in the State. If quarters were large enough and centralized, such activities as lectures, demonstrations and workshops would be conducted satisfactorily. In addition, our occupancy, of the quarters at the Newman Junior High School, Needham can not be continued indefinitely; first, because the volume of material is rapidly growing and adequate storage facilities are wanting and second, the room may be needed for school purposes within a year.

MUSIC EDUCATION

This report covers the period beginning December 23, 1964, when the Supervisor assumed his duties, through June 30, 1965. During this six-month period, sixty-six supervisory visits were made to local school systems. The supervisor participated widely in the music festival program and other activities of the Massachusetts Music Educators Association as well as attending meetings and conferences of other related groups. The conferences, discussions, and visitations of the past six months have resulted in certain impressions concerning music education in the Commonwealth. These are summarized below and are expected to form the basis for planning for the coming year.

Impressions Concerning Music Education

Teacher training institutions in many cases are requiring no courses in music or music methods.

A number of elementary schools are offering elective-selective choral experience during the school day.

Free instrumental instruction at the elementary level is a common practice.

Few "string" programs are found in the elementary schools. In those schools having "string" programs, lessons on string instruments are usually offered one year prior to the introduction of wind and percussion instruments.

There is evidence of an increase in the offering of academic courses in music at the senior high school level. In the past, the common practice was to limit the music offering to performing groups.

In many schools there is little vertical or horizontal articulation of the instrumental and vocal programs. This is due mainly to the lack of a person responsible for the system-wide music program. Many music programs at the secondary level are being curtailed because of a lack of music facilities and of space due to double sessions and over-crowded conditions. A large number of committees still are badly understaffed. Several explanations for this condition are advanced: Rapid increase in enrollments without corresponding staff additions; lack of realistic teacher-pupil ratios; the practice of scheduling performing groups outside of school hours; and reliance on outside "private" teachers for instrumental instruction.

The first part of the report deals with the general situation of the country. It is a very interesting and informative study of the country's development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's development.

The second part of the report deals with the economic situation of the country. It is a very interesting and informative study of the country's economic development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's economic development.

The third part of the report deals with the social situation of the country. It is a very interesting and informative study of the country's social development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's social development.

The fourth part of the report deals with the political situation of the country. It is a very interesting and informative study of the country's political development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's political development.

COMPENSATORY EDUCATION

Efforts to combat the educational problems of millions of disadvantaged Americans are being made at the national, state, and local levels of government. Social and economic deprivation is seen as inhibiting many of our youth in attaining their maximum potential. These children are unable to make normal progress academically because of inadequate home conditions, limited cultural experiences, previous academic failure, and poor motivation.

Here in Massachusetts, the State Legislature passed Chapter 650 of the Acts of 1964, a bill to support compensatory education programs. The bill states, "Before we can hope to equalize educational opportunity for these children and youth who have become known as 'The Disadvantaged,' we must, in fact, provide better than equal (or compensatory) services. The identification of such children and youth and the development of special programs to enhance their maximum educational growth constitute the essential goals of this legislative enactment."

The legislation provides for financial reimbursement, on a matching basis, to communities developing approved special education programs for disadvantaged children. The Act identifies disadvantaged children as those "... who are not adequately developed by the general educational programs afforded by the public schools of the Commonwealth, because of home and community environmental conditions." Additional criteria recommended for the identification of disadvantaged children include: victim of poverty; academic underachiever; limited cultural opportunities; a need for adequate study facilities, remedial services, educational and career information.

Administration and Implementation of the Act

On December 1, 1964, an announcement letter to Superintendents of Schools and Chairmen of School Committees, from the Commissioner of Education included a statement of the Act in full. The legislation authorizes the Department of Education to approve special programs for disadvantaged children in public elementary and secondary schools and permits reimbursement, on a matching basis, to cities, towns, and regional school districts for the cost of such programs. An appropriation of \$50,000 for the fiscal year 1965 was provided to inaugurate the program.

In order to implement the Act, an Advisory Commission for Disadvantaged Children was appointed. A Senior Supervisor

in Education and clerical assistant were appointed to administer the program for the Department.

The following administrative steps were taken relative to the solicitation, review and approval of applications and establishment of local compensatory programs:

1. All Superintendents and Chairmen of School Committees were notified of the new legislation and their districts were invited to submit to the Department letters of intent if the local districts were interested in submitting an application. Upon receipt of inquiries from 27 school districts, materials were distributed to each of these communities.
2. The Senior Supervisor participated in the following state conferences to discuss the program with school administrators:
 The Elementary Education 35th Annual State Conference at the University of Massachusetts, Amherst.
 The Forty-second Annual Conference for Junior and Senior High School Principals, State College at Framingham.
 The Fiftieth Annual Conference for Superintendents of Schools, State College at Bridgewater.
3. The Senior Supervisor assisted districts with proposals and/or program refinements and improvements. Resource materials were developed and distributed to school districts.
4. Formal applications were received from 11 of the above 27 districts.
5. The Applications were individually reviewed and evaluated by the Department and the Advisory Commission. The Department was often requested to obtain certain information before a decision could be made regarding a particular project.
6. The amount of State aid requested by the applying districts varied considerably with the programs proposed, ranging from \$1,329.35 to \$12,019.05, with a mean of \$5,034.07. It was possible for the department to approve 6 projects, for the 1964-1965 school year, for a total of \$29,000 in State aid.

1. The first part of the paper is devoted to a general
discussion of the problem of the origin of life.

2. In the second part, the author discusses the
possibility of the origin of life in a prebiotic
environment.

3. The third part of the paper is devoted to a
discussion of the role of the environment in the
origin of life.

4. In the fourth part, the author discusses the
possibility of the origin of life in a postbiotic
environment.

5. The fifth part of the paper is devoted to a
discussion of the role of the environment in the
origin of life.

6. In the sixth part, the author discusses the
possibility of the origin of life in a prebiotic
environment.

ANNUAL REPORT

Division of Special Education

Year Ending June 30, 1965

EDUCATION OF MENTALLY RETARDED CHILDREN

This year the Division of Special Education enters its second decade of service to and action for the handicapped children of the Commonwealth.

Throughout the past twelve months the services of the Division of Special Education have continued to expand. While the number of Special Classes for Children retarded in Mental Development, both Educable and Trainable, has increased, along with the number, scope and variety of recreational programs offered during the summer and the rest of the year, perhaps the outstanding area of growth during the school year, 1964-1965, has been that of education at the secondary school level for these pupils in the public schools of the Commonwealth.

The first Supervisor of Guidance, Placement and Follow-up of Mentally Retarded Children joined the Division of Special Education on December 1, 1964.

As one of the important and initial steps in this expanded aspect of the field, research was instituted toward the development of a curriculum guide. Presently the guide is close to completion and is awaiting final approval before it is printed and distributed to the school systems.

Visits to the school systems conducting high school classes for mentally retarded children were the next order of business. Suggestions for modifications and revision of existing procedures and practices were made where necessary, and in some cases a totally new approach was recommended. A statistical workup of existing programs revealed the following:

1. A total of fifty seven classes for high school age mentally retarded children.
2. Twenty nine high schools and eighteen regional high school districts offering these programs.
3. Children from eighty three cities and towns being served by these programs.
4. Twelve cities and towns issued diplomas to these children.
5. Sixteen cities and towns issued certificates to these children.
6. Nine cities or towns are weighing the advantages

General Statement

Statement of the Board of Directors

For the year ended December 31, 1961

Statement of the Board of Directors

The Board of Directors of the Corporation has the honor to submit to you the following statement of the Corporation's financial condition and results of operations for the year ended December 31, 1961.

The Corporation has operated during the year in accordance with its corporate plan.

During the year ended December 31, 1961, the Corporation has earned a net profit of \$1,234,567. This profit is composed of \$1,000,000 of operating profit and \$234,567 of non-operating profit. The Corporation has also paid dividends of \$1,000,000 to its common stockholders during the year. The Corporation's financial condition at the end of the year is strong and its future prospects are bright.

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Respectfully,
The Board of Directors

Respectfully,
The Board of Directors

Respectfully,
The Board of Directors

Respectfully,
The Board of Directors

Respectfully,
The Board of Directors

Respectfully,
The Board of Directors

of diplomas as compared to certificates at the present time.

A series of regional meetings with superintendents was conducted by a team from the Division consisting of Dr. Cashman, the Assistant Commissioner; Mr. Philbrick, the Director of the Division; Miss McKeon, the Supervisor of the Deaf; and the Supervisor of Guidance, Placement and Follow-up. Included in the presentation was an explanation of the need for the secondary classes and an outline of how a program of this type might be inaugurated in the local high schools.

A cooperative relationship has been reached with the Division of Employment Security in the placement of retarded children. An administrative bulletin from that Division instructs its regional offices to cooperate in:

1. Testing - GATE - IFAT, or other non-verbal measures available to the Employment Service.
2. Counseling and guidance, including Job Clinics and referral to other agencies.
3. Placement and job development assistance for part time jobs while in school, and selective placement in permanent jobs on completion of training.
4. Curriculum development and assistance - arranging visits of students to offices to enable them to see office activities and to learn how they might use the services of the office in the future.

A similar arrangement is desired with the Massachusetts Rehabilitation Commission. After several meetings the situation has progressed to the point where each agency will soon draw up a preliminary plan for submission to the administrative staff for consideration and comments.

In September 1965 there will be ten new high school classes opened. They are: (1) Braintree, (2) Winthrop, (3) Revere, (4) Falmouth, (5) Provincetown, (6) Amherst, (7) Bridgewater - Raynham (2nd class), (8) Longmeadow, (9) Marshfield, and (10) East Bridgewater.

Each of the staff members of the Division has made many public appearances, participating in panel discussions, professional colloquies, and learned symposia, as well as in a variety of general conferences stressing the concern on the part of the Commonwealth for those less fortunate of its children. The culmination of these public relations activities was the Eleventh Annual Conference of the Division of Special Education, on May 10, 1965, at the Dorothy Quincy Suite, John Hancock Hall, 180 Berkeley Street, Boston. The theme of the conference was "Special Education in a Changing World," subject of an inspirational address by Dr. Philip G. Cashman, Assistant Commissioner of Education. Dr. Albert S. Levy, Coordinator of Special Education, University of Kentucky, movingly described "A Life Program for the Mentally Retarded," a text which provided an excellent prologue to

THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION
PUBLISHED WEEKLY

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The Journal of the American Medical Association is published weekly, except on Sundays and public holidays. It is published for the Association by the American Medical Association, 535 North Dearborn Street, Chicago, Ill. 60610. The Journal is published for the Association by the American Medical Association, 535 North Dearborn Street, Chicago, Ill. 60610.

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the panel discussion: "Programs for the Mentally Retarded." Members of the panel included Mr. William F. Prary, Supervisor of Guidance, Placement and Follow-Up of Mentally Retarded Children, Massachusetts Department of Education; Mrs. Ruth Fincham, Special Class Teacher, George Bancroft School, Boston; Miss Mary McDermott, Principal, Bloomingdale Street School, Worcester; Mr. Gerald Peterson, Special Class Teacher, Muzzey Junior High School, Lexington; and Mr. Michael Savage, Special Class Teacher, Hingham High School. To close the morning session, Mr. Joseph Freedman, Secretary, Special Legislative, Commission Investigating Training Facilities for Mentally Retarded Children, showed us in brilliant detail the road which handicapped children in Massachusetts will take, "Toward A Brighter Tomorrow."

Chairman of the morning session was Mrs. Wilma A. Hull, Assistant Supervisor of Blind and Partially-Seeing Children.

At the luncheon meeting, chaired by Mr. Anthony V. DeLeo, Supervisor of Mentally Retarded Children, the speaker, Dr. James W. Moss, Director, Research and Demonstration Branch, Division of Handicapped Children and Youth, U. S. Office of Education, Washington, D. C., brought to us a stimulating up-to-date minute survey of the results of research in Special Education going on in colleges and universities across the country.

The continued expansion of programs for the education and training of children retarded in mental development is reflected by the following figures:

| | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 |
|---------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | <u>1955</u> | <u>1956</u> | <u>1957</u> | <u>1958</u> | <u>1959</u> | <u>1960</u> | <u>1961</u> | <u>1962</u> | <u>1963</u> | <u>1964</u> | <u>1965</u> |
| Number of
<u>Spec. Classes</u> | 515 | 590 | 635 | 675 | 719 | 756 | 773 | 809 | 842 | 888 | 962 |
| Enrollment of
<u>Spec. Classes</u> | 6670 | 8393 | 8804 | 9716 | 10002 | 10766 | 11112 | 11327 | 11768 | 12053 | 12828 |

Total
1954-1965
Increases

Number of
Spec. Classes

77

Enrollment of
Spec. Classes

775

ANNUAL REPORT

Division of Special Education

Year Ending June 30, 1965

EDUCATION OF PHYSICALLY HANDICAPPED CHILDREN

For many years the primary thrust of this Division in the education of physically handicapped children has been directed toward the achievement of maximum integration wherever possible. This aim has been facilitated recently by the design and structure of modern school buildings and the growing awareness among public school teachers and administrators that academic, social and psychological progress for these children is maximized when they participate in as normal a program as is possible.

However, there is still need for the segregated or adjustment type of class. During this past year, another such class has been added to our list, bringing to four hundred and sixty seven the total number of children attending special classes for physically handicapped children in public schools. Hopefully many of these children will move into a regular school program before their education is completed.

Children physically unable to attend school are given home instruction immediately on receipt by the Division of Special Education of the physician's form requesting same. We continue to approve about three thousand requests annually for such instruction. The home-to-school telephone, with fifty percent of the costs reimbursed to the town by the Department, continues to be of great value in providing the homebound child with a broader education program academically and socially.

Our recreation programs are expanding both during the school year and the summer. Again, the emphasis is on integration if at all possible.

During the past year, the supervisor has served as guest speaker, panelist and consultant for various groups from public schools and private organizations to bring to all interested persons the manifold stories of courage and indomitable spirit exemplified daily by the handicapped children in the Commonwealth.

The amending of Chapter 71, Section 46B of the General Laws, mandatory, has been an important factor in broadening our program. In the event that legislation can be obtained to include residential and private day schools as resources for our children at the expense of the Commonwealth, our services will truly meet the challenge of educating all physically handicapped children.

ANNUAL REPORT

Division of Special Education

Year Ending June 30, 1965

EDUCATION OF DEAF CHILDREN

In retrospect, the year has been a busy and highly profitable one. There have been many discussions in depth among parents and some teachers on a High School for the Deaf and methods of teaching the deaf. These are stimulating and provocative in the search for the best education of the deaf.

A major problem and challenging one is the need of special programs for deaf children with multiple handicaps. Many more such children are coming to our attention and cannot be placed in existing programs for the average deaf child. It is one of the goals of the Division to provide programs for these various handicapped deaf children.

The Boston School for the Deaf notified this Division that new enrollments were closed as of April 1965 and for September 1966 because it was operating at maximum capacity with a waiting list for September 1966. All schools for the Deaf are presently filled.

Graduates of the schools for the deaf who are willing to meet the challenge and are academically able are enrolled in regular hearing high schools. Other graduates are sent to high schools for the deaf in Vermont or New York. Still others with vocational abilities are referred to Massachusetts Rehabilitation Commission for further vocational training.

Federal Legislation continues to be of great assistance in the education of the deaf by providing scholarships for the training of teachers, granting aid for research in the field of the deaf to the universities, and expanding the captioned films for the deaf. In Massachusetts the universities affiliated with the training of teachers of the deaf are the University of Massachusetts, Smith College and Boston University. The practicum centers are the Boston School for the Deaf in Randolph and the Clarke School in Northampton.

The Assistant Commissioner received a gift of one of the pens used by President Johnson on June 8, 1965 in signing H.R. 7031, an Act To Provide For The Establishment And Operation Of A National Technical Institute For The Deaf. It is framed and on display in the Division.

The Supervisor of the Deaf at the request of the National Council for Accreditation of Teacher Education in Washington, D. C. served as a member of the National Council for Accreditation of Teacher Education team from November 15 to November 20th 1964 to evaluate the University of New Hampshire and Crotched Mountain School for the Deaf training program for teachers of the deaf. The Supervisor was a member of a team from the Division of Special Education speaking at the Essex County Teachers Annual Convention and other

regional Superintendents meetings throughout the Commonwealth. On May 2, 1965, the Supervisor of the Deaf spoke at the dedication of the new dormitory and high school at the Austine School for the Deaf in Brattleboro, Vermont.

Supervisory visits were made to all schools and classes for the deaf within and without the Commonwealth in which Massachusetts children are enrolled.

Principals and Superintendents of the Schools and Day Classes for the deaf met three times throughout the year at the Department of Education, 200 Newbury Street, Boston, Massachusetts, for on-going conference and committee work regarding problems of deaf children.

ANNUAL REPORT

Division of Special Education

Year Ending June 30, 1965

EDUCATION OF BLIND CHILDREN

During the school year 1964-1965, two hundred and one blind children from Massachusetts were enrolled at Perkins School for the Blind in Watertown, Massachusetts. This number includes several new pupils who were admitted this year to Perkins' expanded program for "slow learning" blind children. Two Massachusetts pupils attended the Oak Hill School of the Connecticut Institute for the Blind in Hartford, Connecticut. One Massachusetts child attended the Royer Greaves School in Paoli, Pennsylvania, a school for mentally retarded-blind children. Under the recent amendment to Chapter 69, Section 26 of the General Laws of the Commonwealth, effective September 10, 1964, for the care and education of children who are both mentally retarded and blind, two such children have been placed at the Follock School in Brookline, Massachusetts.

Seventy blind children (braille students) were enrolled in public school programs with sighted children. Resource programs for blind children were conducted in public schools in Boston, Braintree, Malden and Medford. In several cities and towns, blind pupils were enrolled in regular public school classes with braille instruction provided. Six braille students in Everett, North Reading, Reading and Wakefield were included in programs having the services of an itinerant teacher for the fall of 1965.

Through the Division of Special Education, sensory and mobility training for blind pupils in Braintree, Malden, Medford, Springfield, Longmeadow and Boston was provided by peripatologists from the Catholic Guild for the Blind. A full-time peripatologist, exclusively for the training of school-age blind children, has been engaged by the Catholic Guild for the fall of 1965. This will enable greater numbers of children to receive this valuable service paid for by the Division of Special Education.

In September, 1964, Mrs. Wilma A. Hull joined the Division of Special Education as the Assistant Supervisor of Blind and Partially-Seeing Children. In May, 1965, Mrs. Hull chaired the Eleventh Annual State Conference on Special Education.

To discuss techniques for improved library services and improved organization of state facilities for blind children, the Supervisor and Assistant Supervisor of Blind and Partially-Seeing Children together with the Senior Library Assistant attended a meeting with the personnel of the Connecticut Services for the Blind in Hartford, Connecticut.

Work has continued on the organization and inventory of this Division's central depository for braille, large print books and tape recordings.

CONSTAC (the Committee on Standardization and Accreditation of Services for the Blind) is a group which hopes to improve services to blind individuals by proposing standards in various areas (education, library facilities, mobility training, vocational services, etc.) as determined by the joint efforts of agencies serving the blind throughout the country. The Supervisor and Assistant Supervisor of Blind and Partially-Seeing Children attended the New England Regional Meeting of CONSTAC held in Boston in November, 1964. Additional meetings will be held before this group makes its final recommendations. Miss Marjorie J. Frye plans to attend CONSTAC's 1965 fall meeting to be held in New York City.

In June 1965, the Supervisor of Blind and Partially-Seeing Children attended a meeting of ex-officio state department trustees at the American Printing House for the Blind, Louisville, Kentucky. At this meeting there was a valuable exchange of ideas concerning the acquisition and use of new materials (books and tangible apparatus) for blind students.

Recognizing the need for additional teacher training programs for visually handicapped children, the Supervisor and Assistant Supervisor of Blind and Partially-Seeing Children met with faculty members of Boston University and Boston College to discuss the feasibility of their offering appropriate courses for such training. Both institutions are giving careful consideration to initiating this type of program.

ANNUAL REPORT

Division of Special Education

Year Ending June 30, 1965

EDUCATION OF PARTIALLY-SEEING CHILDREN

During the school year 1964-1965, there were twenty seven classes for partially-seeing children in twelve cities and towns in Massachusetts. The programs have followed the trend towards increasing integration with regular classes, and for the most part, have been cooperative type arrangements.

Three itinerant programs serving partially-seeing children are now in operation in the Commonwealth with nine communities participating. The newest of these programs serves the towns of Chelsea, Revere and Winthrop. These three communities share the services of a special teacher who provides materials and instruction appropriate for partially-seeing children. In this program the partially-seeing child has the social advantages of attending his neighborhood school, and the academic advantages of the services of a special teacher. A fourth such program, which will serve both blind and partially-seeing students, will be in operation in the fall.

The number of partially-seeing children enrolled in regular classes with the use of large print books loaned by the Division of Special Education is now two hundred and seventy nine. Several of these children benefited from supplementary instruction periods, with half the cost of such instruction reimbursed by the state.

The Division of Special Education is now using, as SPED 12C, an Eye Report for Children with Visual Problems, a form recommended by the National Society for the Prevention of Blindness. This report, completed by an ophthalmologist or optometrist, offers comprehensive medical information which is essential in determining appropriate educational recommendations for visually handicapped children.

The Supervisor and Assistant Supervisor of Blind and Partially-Seeing Children served as panel members at the Workshop on Vision held in June at Boston University.

The Supervisor of Blind and Partially-Seeing Children continued her second year as Massachusetts reporter for the Newsletter published by the National Council for the Education of Partially-Seeing Children.

The Assistant Supervisor of Blind and Partially-Seeing Children served as President of the Massachusetts Sight Saving Teachers' Association. This group adopted a new constitution in the spring of 1965, and is now officially recognized as the New England Professional Association of Workers for the Visually Handicapped. The organization will sponsor an all day meeting for workers of the visually handicapped throughout New England in the fall of 1965. The Assistant Supervisor also served as treasurer of the Council for the Education of the Partially-Seeing, a division of the Council for Exceptional Children.

ANNUAL REPORT

Division of Special Education

Year Ending June 30, 1965

EDUCATION OF SPEECH HANDICAPPED, HARD OF HEARING,
AND APHASIC CHILDREN

Continued expansion is the keynote of programs for speech and hearing handicapped children in the public schools. More than one-hundred forty cities and towns now offer part-time or full-time programs dedicated to maximizing every child's communicative abilities insofar as oral production and aural reception is concerned. This general increase in numbers of programs, made possible by the addition of an extra speech and hearing specialist in certain communities. This Division constantly pays tribute to the wisdom of the school committees and superintendents in guaranteeing to the children in these communities the tools and techniques to become the peers of children in other cities and towns.

More than thirty communities provided special language and concept building instruction periods for hearing-handicapped or aphasic children during the year. Inasmuch as the term "hearing-handicapped" includes the classical terms "hard-of-hearing" and "deaf", this assistance was provided to children with moderate to severe hearing losses who have been educated in schools for the deaf up to grade eight or nine. The aphasic children are those who have attended a special school for aphasic children for some period and then entered public school, or those whose language behavior has been diagnosed as aphasic by competent medical authority.

At the June meeting the Board of Education appointed Mr. John F. Murphy Supervisor of Speech Handicapped and Hard of Hearing Children to replace Mr. William A. Philbrick, Jr. who had held the post since 1957. Mr. Philbrick succeeded Dr. Philip G. Cushman as Director when the latter was elevated to the position of Assistant Commissioner of Education on November 1, 1964, crowning a career of state service to handicapped children that began almost thirty years ago.

Eighty-two aphasic children attended schools approved by the Department during the year, with seventy-two of the group at the Boston School for the Deaf. The training program for teachers of aphasic children established at the Boston School for the Deaf and operating with the assistance of Boston University School of Education, has become nationally known for the excellence of the teachers graduated under its auspices. One such graduate inaugurated the first class for aphasic children at the Horace Mann School in September 1964. This class constitutes an excellent augury of more to come in order that children with language problems may be adequately served.

ANNUAL REPORT

Division of Special Education

Year Ending June 30, 1965

EDUCATION OF EMOTIONALLY DISTURBED CHILDREN

During the past year there has been a one hundred percent increase in the numbers of emotionally disturbed children enrolled in special education programs under the provisions of Chapter 71, Sections 46H and 46I. This dramatic expansion in numbers of children served does not indicate any significant increase in the percentage of our school population with moderate to severe emotional involvement. Rather, the increase reflects a strengthened effort on the part of local school officials in the diagnosis and evaluation of children in need of specialized assistance.

As of June 1965, 202 children were receiving home instruction, 236 were in special classes for emotionally disturbed, and 81 were in integrated programs. A total of 519 therefore were sharing in the benefits of public school programs.

At the same time, 203 were in private day schools approved by the Departments of Education and Mental Health, while 367 were in private residential schools, similarly approved, both within and without the Commonwealth.

During the year, 65 cities and towns provided home instruction for emotionally disturbed children, an increase of 23 over 1964. In similar fashion, 3 special classes were organized (a total of 23) and 65 integrated programs were structured (a total of 83).

The Departments of Education and Mental Health have now approved a total of 34 private schools, day or residential, or both. In all programs mentioned, the demand for facilities and the provision of such facilities maintain a constant balance, indicating that the early estimates of the incidence of moderate and severe emotional disturbance (0.1% to 0.3%) were well chosen.

THE STATE OF NEW YORK

IN SENATE,

JANUARY 1, 1901.

REPORT OF THE COMMISSIONER OF THE LAND OFFICE

ALBANY: J.B. LIPPINCOTT & CO., PRINTERS, 1901.

THE COMMISSIONER OF THE LAND OFFICE HAS THE HONOR TO ACKNOWLEDGE THE RECEIPT OF THE REPORT OF THE COMMISSIONER OF THE LAND OFFICE FOR THE YEAR 1900, AND TO STATE THAT THE SAME HAS BEEN FORWARDED TO THE SENATE AND TO THE HOUSE OF REPRESENTATIVES.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND THE SEAL OF THE OFFICE OF THE COMMISSIONER OF THE LAND OFFICE, AT ALBANY, THIS 1ST DAY OF JANUARY, 1901.

JOHN W. ALLEN, COMMISSIONER OF THE LAND OFFICE.

THE COMMISSIONER OF THE LAND OFFICE HAS THE HONOR TO ACKNOWLEDGE THE RECEIPT OF THE REPORT OF THE COMMISSIONER OF THE LAND OFFICE FOR THE YEAR 1900, AND TO STATE THAT THE SAME HAS BEEN FORWARDED TO THE SENATE AND TO THE HOUSE OF REPRESENTATIVES.

ANNUAL REPORT

DIVISION OF TEACHER CERTIFICATION AND PLACEMENT

Year Ending June 30, 1965

Statistically, the Division continued to advance. The number of individuals certified during the year was 9377, an increase of 37% over the previous year. The total number of certification areas was 14,897, which is 10% greater than the previous year. The tables will show a small increase in the number of certificates issued in the sciences, industrial arts, reading, guidance and special class where teachers are in short supply. To offset this encouraging trend there was a decrease in the number of mathematics and home economics certificates issued, fields in which teachers are needed, while there was an increase in social studies certificates an area in which there is no apparent shortage. There was a significant increase in the number of certificates issued in administration caused probably by the realization that requirements in this field are minimal and will in all probability be increased.

The Professional Standards Advisory Committee continued its studies during the year and has arrived at a consensus of opinion in favor of adoption of the approved program method of certification under which colleges recommend applicants for certification in specific fields based upon satisfactory completion of a program of preparation which has been submitted to the Board of Education and has met its approval. Standards and criteria are still in the discussion stage but it is hoped that the entire certification system will be strengthened and the necessary changes approved by the Board during the coming year.

Waivers of certification were issued in 1446 instances this year, almost exactly the same number as in the year before, and in almost the same number for first, second and third years, namely 1103, 247 and 96. No waivers are granted for the employment of a non-certified teacher in the same school system after three years.

The number of vacancies reported to the placement office was 2983, 10% over the number of vacancies reported in 1958-59, the first year the vacancy listing service became operative. This report would indicate that industrial arts, reading, guidance, librarian, mathematics and primary grades remain areas of critical shortage. The vacancy list was issued seven times during the year and the circulation was about 3000 for each issue. The number of people actually served was considerably larger because the list was regularly sent to superintendents of schools and placement officers in all the New England Colleges preparing teachers as well as to others throughout the country who have requested it. There were 1322 new placement registrants during the year.

There were 867 out-of-state residents who were certified or about 9% of the total number, a figure which has remained fairly constant. The number of duplicate certificates issued was 368 for which there is a charge of one dollar, the only charge made for any service of the Division.

The director and the supervisor made 24 college visitations during the year. The director served on three accreditation evaluation committees representing the National Council on Accreditation of Teacher Education visiting three teacher preparation colleges in Massachusetts. He attended three national conferences on various phases of teacher preparation held in Massachusetts and two held in New York. He participated in several conferences held by the Massachusetts Teachers Association on problems of the profession and attended meetings of the Massachusetts Council on Teacher Education, New England Association of Colleges and Secondary Schools, Massachusetts Association of School Superintendents and Massachusetts Secondary Principals Association. He was speaker at three college assemblies, three graduations, two retirement dinners, two service clubs and one national conference of state directors of certification.

TABLE I
Certificates Issued

| <u>Classification</u> | <u>1962-63</u> | <u>1963-64</u> | <u>1964-65</u> |
|--|----------------|----------------|----------------|
| <u>Elementary</u> - (Kindergarten through Grade 8) | 2426 | 4457 | 4545 |
| <u>Secondary</u> - (Senior High School)
(Junior High School)
(Community College) | | | |
| English | 967 | 1806 | 1764 |
| History | 538 | 1165 | 1136 |
| Geography | 58 | 89 | 86 |
| Social Studies | 780 | 1499 | 1595 |
| Mathematics | 320 | 586 | 575 |
| Chemistry | 108 | 222 | 236 |
| Physics | 46 | 84 | 101 |
| Biology | 197 | 283 | 355 |
| General Science | 456 | 689 | 858 |
| Earth Science | 31 | 30 | 49 |
| French | 177 | 309 | 410 |
| German | 25 | 87 | 72 |
| Spanish | 49 | 90 | 125 |
| Russian | 4 | 19 | 20 |
| Italian | 4 | 16 | 7 |
| Latin | 59 | 134 | 124 |
| Greek | 17 | 11 | 11 |
| Other Modern Languages | 1 | 8 | 2 |
| <u>Special Subject</u> | | | |
| Health and Physical Education | 205 | 276 | 307 |
| Health | 28 | 6 | 23 |
| Business Subjects | 218 | 328 | 384 |
| Home Economics | 133 | 247 | 203 |
| Industrial Arts | 66 | 69 | 97 |
| Reading | 3 | 37 | 21 |
| Art | 132 | 164 | 227 |
| Music | 122 | 240 | 279 |
| Speech | 52 | 61 | 91 |
| Driver Education | 5 | 10 | 22 |
| Special Class | 70 | 96 | 146 |
| Speech and Hearing Handicapped | 25 | 22 | 36 |
| Deaf | - | 5 | 2 |

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Annual Report

| No. | Name | Age | Sex |
|-----|-----------------|-----|-----|
| 1 | John Smith | 25 | M |
| 2 | Mary Jones | 22 | F |
| 3 | Robert Brown | 20 | M |
| 4 | Elizabeth White | 18 | F |
| 5 | James Wilson | 23 | M |
| 6 | Sarah Davis | 21 | F |
| 7 | Thomas Miller | 19 | M |
| 8 | Ann Taylor | 17 | F |
| 9 | George Clark | 24 | M |
| 10 | Charlotte Adams | 16 | F |
| 11 | William King | 26 | M |
| 12 | Margaret Lee | 15 | F |
| 13 | Henry Scott | 27 | M |
| 14 | Isabella Green | 14 | F |

TABLE I (Continued)

| <u>Supervision and Administration</u> | <u>1962-63</u> | <u>1963-64</u> | <u>1964-65</u> |
|---|----------------|----------------|----------------|
| Health and Physical Education | 2 | 6 | 8 |
| Health | - | 1 | - |
| Business Subjects | 1 | 7 | 7 |
| Home Economics | - | - | - |
| Industrial Arts | - | 5 | 4 |
| Reading | 2 | 1 | 3 |
| Art | 41 | 35 | 41 |
| Music | 20 | 32 | 38 |
| Speech | - | - | - |
| Driver Education | - | 3 | 1 |
| School Psychologist | - | - | 24 |
| Guidance Counselor | 47 | 69 | 252 |
| Guidance Director | 10 | 16 | 74 |
| General Supervisor | 2 | 16 | 41 |
| Elementary School Principal | 18 | 147 | 206 |
| Secondary High School and Junior
High School Principal | 25 | 157 | 215 |
| School Librarian | 31 | 40 | 40 |
| Superintendent | 15 | 18 | 34 |
| TOTALS | 7536 | 13,698 | 14,697 |

TABLE IITeaching Positions Reported

| <u>Classification</u> | <u>1962-63</u> | <u>1963-64</u> | <u>1964-65</u> |
|---|----------------|----------------|----------------|
| <u>Elementary</u> | | | |
| Kindergarten - Grade 3 | 387 | 472 | 496 |
| Grades 4 - 6 | 319 | 331 | 368 |
| Grades 7 - 8 | 28 | 20 | 51 |
| Combination of all grades | - | - | - |
| TOTAL | 734 | 823 | 915 |
| <u>Special Schools and Classes</u> | 51 | 70 | 109 |
| <u>Secondary - (Junior and Senior High Schools)</u> | | | |
| English | 263 | 250 | 230 |
| Mathematics | 168 | 176 | 202 |
| History | - | 12 | 15 |
| Social Studies | 96 | 76 | 99 |
| Geography | - | 1 | 4 |
| Chemistry | 47 | 52 | 36 |
| Physics | 35 | 43 | 40 |
| Biology | 26 | 35 | 39 |
| General Science | 108 | 118 | 124 |
| Latin | 37 | 45 | 42 |
| French | 119 | 145 | 118 |
| German | 6 | 11 | 10 |
| Spanish | 39 | 58 | 44 |
| Other Modern Languages | 3 | 3 | - |
| TOTAL | 947 | 1025 | 1112 |
| <u>Special Subjects</u> | | | |
| Business Subjects | 97 | 87 | 75 |
| Physical Education (Male) | 37 | 38 | 55 |
| Physical Education (Female) | 65 | 85 | 62 |
| Home Economics | 49 | 38 | 49 |
| Industrial Arts | 72 | 77 | 106 |
| Art | 44 | 42 | 89 |
| Music | 69 | 64 | 94 |
| Guidance | 40 | 72 | 112 |
| Speech and Hearing | - | - | - |
| Reading | 50 | 56 | 121 |
| Librarian | 48 | 45 | 66 |
| TOTAL | 571 | 624 | 829 |

TABLE II (Continued)Teaching Positions Reported

| <u>Administration</u> | <u>1962-63</u> | <u>1963-64</u> | <u>1964-65</u> |
|------------------------------------|----------------|----------------|----------------|
| Superintendent & Assistant | 25 | 20 | 27 |
| Secondary - Senior and Junior High | | | |
| School Principal & Assistant | 46 | 30 | 40 |
| Elementary Principal & Assistant | 42 | 39 | 43 |
| Miscellaneous | 36 | 5 | 17 |
| | <u>149</u> | <u>94</u> | <u>127</u> |
| GRAND TOTAL | 2452 | 2636 | 2983 |

ANNUAL REPORT

Division of Civic Education

Year Ending June 30, 1965

The year ending June 30, 1965 was one of change and challenge for the Division of Civic Education, as well as for all segments of society and all phases of education. Though we cannot hope to forecast the future, we can point to two certainties; we can be sure that change will continue to transform life at an ever accelerating pace and also that what we do, or neglect to do, in our schools will determine to a large extent the nature and quality of life at the turn of the century, only 35 years away.

Believing this, the Division of Civic Education has accepted the challenge, shared by civic organizations and the mass media, that America needs better, more effective citizens, and has encouraged and assisted the public schools and state colleges in their joint efforts to develop a healthier, more viable society. The division has endeavored to carry out the provisions of Chapter 693 of the Acts of 1951 and has re-emphasized the goals established when the division was created--to build a citizenry capable of preserving the nation's heritage of government under law.

This division believes that this goal can only be achieved when tomorrow's leaders know how the democratic political process works, and why it works in a particular way. It means that our students must understand how government works at all levels, how political decisions are made, and how the individual affects and is affected by the political process. It means having an understanding of one's responsibilities as a citizen--the responsibilities of obeying the law, of voting, of taking part in community affairs and of being informed on matters of political, social, and economic importance in order to perpetuate the heritage that preceding generations created and preserved.

To carry out these objectives, the Division of Civic Education has adopted the service concept and, whenever administrators, teachers, students, and agencies interested in building better citizens have asked for assistance, we have tried to fulfill such requests.

Additionally, the organization and administration of Title II-B of the Economic Opportunity Act of 1964 was entrusted to this division. This required the preparation of the State Plan and Guidelines and Procedures that would advise and assist local school systems in the preparation of project proposals that would identify, reduce, and eventually eliminate illiteracy in the Commonwealth.

In November, 1964, the Director met with delegates from all 50 State Departments of Education and from 10 target cities in an intensive three day workshop, conducted by the U. S. Department of Health, Education, and Welfare at the University of Chicago.

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Massachusetts' share of the 1965 appropriation for this program will amount to \$380,000.00 but as of June 30, 1965 no money has been allocated. In spite of the lack of funds which prevented any additional help, the necessary work was done, approved by the Massachusetts Board of Education on December 17, 1964 and submitted to the U. S. Office of Education where it was approved on February 5, 1965.

Plans for teacher-training workshops are in process, conferences with local school personnel are being held almost daily and we are confident that when schools reopen in the fall, many communities will be equipped to offer the basic education courses that will raise the level of education so these adults will be able to obtain and retain more productive or profitable employment, and better meet their adult responsibilities.

After 12 years in very inadequate quarters, the division moved to the second floor where additional space will allow us to work more effectively and efficiently towards the achievement of our objectives.

The major work of the Division of Civic Education can best be reported under the headings of Programs for Students, Programs for Teachers, Special Services, Special Activities, Adult Civic Education and since 1965, Adult Basic Education, which are summarized below:

SUMMARY

I STATEWIDE PROGRAMS FOR STUDENTS

A. Student Government Day

This program conducted in accordance with Chapter 650 of the Acts of 1951, saw 446 delegates from public, parochial, and private independent schools participating in Student Government Day on April 2, 1965.

Student assignments were determined by the "Glass Bowl Drawing" held in the office of the Governor on January 15, 1965.

Eight "Visiting Days" were held at the State House, in advance of Student Government Day, to prepare the delegates for their roles. The interest in and support of this program by the Constitutional Officers, the members of the General Court, and the many state officials whose cooperation and assistance helped to make the program a rich educational experience, were most gratifying.

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The visiting days for the 1965 program were:

| | | |
|-------------|-------------|--|
| January 26 | Region I | Suffolk County |
| February 2 | Region II | Essex County |
| February 9 | Region III | Norfolk County |
| February 16 | Region IV | Barnstable, Bristol, Dukes,
Nantucket, and Plymouth
Counties |
| February 23 | Region V | Worcester County |
| March 2 | Region VI | Berkshire, Franklin,
Hampden, and Hampshire
Counties |
| March 9 | Region VII | Middlesex A (Representative
Districts 1-17) |
| March 16 | Region VIII | Middlesex B (Representative
Districts 18-35) |

Student Government Day was held on Friday, April 2, 1965. The inaugural ceremony was televised "live" and financed by WHDN-TV, WBZ-TV, and WSAC-TV in Boston, WWLP-TV in Springfield, WRLF-TV in Greenfield, and WTEV-TV in New Bedford.

This division is most grateful to these stations for providing this educational highlight at no cost to the Commonwealth. We are also grateful for the financial support of the Massachusetts Teachers' Association, which sponsored the student luncheon, and the Massachusetts Civic League, which assisted in conducting the program and in underwriting the cost of vital teaching materials.

B. Student Government Exchange Program

This program is designed to enrich students' knowledge of town and city government, to encourage pride in their local communities and to broaden their understanding of local and metropolitan problems.

During the 1964-1965 school year, one hundred and six high schools participated. In recognition of outstanding programs the Citizenship Committee of the Massachusetts Secondary School Principals' Association awarded citations to the following high schools:

Worcester Classical
Waltham Vocational
Shrewsbury
Dennis-Yarmouth Regional
Braintree
Northampton
Watertown
Acton-Boxborough Regional

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C. Citizenship-in-Action Program

This voluntary program is conducted cooperatively with the Massachusetts Secondary School Principals' Association to encourage social service by pupils throughout the Commonwealth. The Citizenship Committee of the Massachusetts Secondary School Principals' Association screens the reports submitted by the principals and this year voted to give special awards for such services, under a grant from the Sears-Roebuck Foundation.

The Division of Civic Education organizes and directs this program and the Director and Supervisors present the awards to those schools selected as deserving of special recognition. The following high schools received citations for outstanding community services in 1964-1965:

Newburyport
Waltham
St. Charles - Waltham
St. Mary's - Waltham
Charlestown
Gloucester
Lincoln-Sudbury Regional
Ursuline - Springfield
St. Anthony's - New Bedford
Trade High School for Girls - Boston

D. Massachusetts Youth Citizenship Conferences

This division, in cooperation with the State Colleges at Boston, Bridgewater, Fitchburg, Salem, and Westfield, annually sponsors a series of high school conferences on a significant topic relating to civic responsibility. These conferences take the form of "grass roots" sessions for large numbers of students drawn from the geographical region around each of the participating state colleges. These intrastate meetings represent a preliminary step to the Northeast Regional Youth Citizenship Conference for selected schools from New England, New York, New Jersey, and Pennsylvania which is held in June at Tufts University.

The same basic theme and conference structure is used in the intrastate and interstate sessions. The 1965 theme was "The Public Service." Nationally known speakers were featured in the programs, which also provided for pupil discussion, in small groups, moderated by students from our state colleges.

The 1965 Massachusetts meetings were completely self-supporting as each school paid a registration fee of five dollars and each participant paid for his own meal. A total of 1,335 people participated in the five conferences. Attending were 1,001 pupils and 144

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teachers from 110 high schools, and 15 faculty members and 109 students from the five sponsoring state colleges.

Note: Complete program details are available in this office.

E. Northeastern States Youth Citizenship Conference

The Division of Civic Education contributed to the basic planning of this interstate conference sponsored by the Commissioners of Education of the Northeastern States (New England, New York, New Jersey, and Pennsylvania) and their service affiliate, the Lincoln Filene Center for Citizenship and Public Affairs.

The conference format provides that ninety "teams," each consisting of an eleventh grade girl and an eleventh grade boy, and a faculty advisor, from ten secondary schools in each of the nine states, participate in this conference.

A grant from the Sears-Roebuck Foundation made it possible to present outstanding authorities on the theme "The Public Service." Group discussions were moderated by college students who had participated in our intrastate conferences on the same theme.

The following Massachusetts high schools were represented at the 1965 conference:

Arms Academy, Shelburne Falls
 Bellingham
 Billerica
 Cathedral, Springfield
 Rose Hawthorne Central, Concord
 Girls', Roxbury
 Haverhill
 Huset Regional, Orleans
 Thompson Academy, Thompson Island
 Williams, Stockbridge
 Winchester

F. Massachusetts Heritage Day

The Massachusetts Heritage Day program was instituted in October of 1961 to dramatize for adolescents of junior high school age the very important part this Commonwealth has played in the development of democracy and to enhance their understanding and appreciation of American ideas and ideals. The fourth annual Heritage Day was held at Plymouth on October 24, 1964 under the joint sponsorship of the Division of Civic Education, the Massachusetts Bar Association, Plimoth Plantation, the Massachusetts Junior High School Principals' Association, and the Lincoln Filene Center for Citizenship and Public Affairs of Tufts University. The program expenses were underwritten by the John Hancock Mutual Life Insurance Company.

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Student and faculty representatives from two hundred Junior High Schools heard the inspiring address "You and Your Political Life" delivered by Mr. Erwin Canham, toured the Mayflower II and Plimoth Plantation, and participated in group discussions moderated by students from the State College at Bridgewater.

G. The U. S. Senate Youth Program

In 1962 the Commissioner of Education accepted an invitation to have Massachusetts participate in the U. S. Senate Youth Program to be held in Washington, D. C., during the last week of January each year. Sponsored by the William Randolph Hearst Foundation in co-operation with the United States Senate, the program, a continuing one, is designed to give young Americans of high school age knowledge of American political life.

The Division of Civic Education has been entrusted with the mechanics for, and the supervision of, the selection of the two students from Massachusetts who participate in the program. The selection is carried out in conjunction with the Massachusetts Student Government Day Program. On December 4, 1964, the names of Scott Leonard from Westover Air Force Base and Maureen Buckley from Dorchester were drawn in a glass bowl ceremony held in the office of the Commissioner of Education.

During their stay in Washington the delegates visited both houses of Congress, the Supreme Court, the State and Defense Departments, and the White House, where they were received by President and Mrs. Johnson. They also served as interns in the offices of their respective senators and had the opportunity to talk with outstanding administrative, legislative, and judicial leaders.

II SPECIAL PROGRAM FOR STUDENTS

The Division of Civic Education, in cooperation with the School Bureau of the United Community Services of Greater Boston, has for several years promoted school-community service activities by secondary school and area college students. During the 1964-1965 school year approximately 5,500 young adults from 365 public, parochial, and private secondary schools and 32 colleges were engaged in programs popularly known as "Operation Kindness." With their help 107 health and welfare agencies were able to offer extended services in "Red Feather" hospitals, settlement houses, homes for the aged, and day camps.

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III PROGRAMS FOR TEACHERS

A. Continuing Studies Courses

1. Institute on Youth Problems

A series of programs showing how elementary and secondary teachers and administrators can work effectively with community agencies in the development of better civic behavior in children and youth. Distinguished representatives of religious faiths, juvenile courts, police, medicine, social welfare, and inter-group agencies were guest lecturers. Institutes were held at:

Bridgewater State College, Fall 1964

--Dr. William J. Reid

Boston State College, Winter 1965

--Dr. William J. Reid

2. Civic Behavior - Democracy's Test

A course designed to enable all teachers and school officials to educate for democracy with a clearer, stronger purpose.

Bridgewater State College, Fall 1964

--Lawrence M. Bongiovanni

Fitchburg State College, Fall 1964

--Dr. John E. O'Loughlin

3. Workshop in Adult Civic Education

This is a prerequisite for certification by the Massachusetts Department of Education to teach state-aided classes in Adult Civic Education and was held at:

Boston State College, Fall 1964

Fall River, Winter 1965

--Miss Margaret E. Kielty

B. Undergraduate Courses

Study guides, recommended bibliographies, resource materials, and guest lecturers were made available to undergraduate courses in "Education for Citizenship" at Boston, Bridgewater, and Salem State Colleges during the 1964-1965 school year.

C. Teachers' Visiting Day

A very rewarding service, provided by this division, saw 169 teachers from 66 school systems devoting a mid-winter vacation day participating in the sixth annual Teachers' Visiting Day on

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Wednesday, February 24, 1964. The program included special talks by the President of the Senate, the Speaker of the House, the Chairman of the Joint Committee on Education, attendance at committee hearings, and legislative sessions of both houses and a meeting with the Governor.

D. Educators' Economic Education Seminars

The Division of Civic Education has worked with the New England Economic Education Council to increase economic interest and competency in the schools of the Commonwealth. The major area of cooperation during 1964-1965 was in planning the Teachers' Seminars held at Boston College on January 19, March 23, and the Junior Seminar on May 8, 1965.

IV SPECIAL SERVICES OF THE DIVISION

Many boards, commissions, service clubs, and professional organizations and associations have called upon this division as consultant and architect when planning and implementing programs in which there are common interests.

A. Massachusetts Congress of Parents and Teachers

As Citizenship Chairman, the Director conducted the state wide District Citizenship Awards Program, moderated or participated in panel discussions at the mid-winter conference, the annual convention, Presidents' Day, and several district conferences. She also accepted many invitations to speak and advise units regarding citizenship goals.

B. Commonwealth Service Corps

As the Commissioner's Designee on the Commonwealth Service Corps' Advisory Committee, the Director attended meetings of this organization which served as the state agency implementing the Economic Opportunity Act of 1964. Such meetings were held on the third Tuesday of each month from November, 1964 - June, 1965.

C. Governor's Commission on the Status of Women

Again as the Commissioner's Designee on the Governor's Commission on the Status of Women, the Director was assigned to Area V, the Culturally Deprived Women. In this capacity she was in a position to secure consultant services in this sensitive area. The eight sub-committee and full commission meetings held during the year will, it is hoped, enable the Commission to recommend legislation, which will strengthen the status of women in the Commonwealth, to the next session of the legislature.

D. Assistance to Migrants and Their Families

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The Director helped to set up the Education Program conducted by the Commonwealth Service Corps under Title II, Part B of the Economic Opportunity Act and served on the Advisory Committee for its implementation and evaluation.

E. Adult Civic Education

In accordance with Chapter 69, General Laws, Sections 9, 9a, and 10, instruction in the use of English for adults eighteen years of age or older unable to speak, read, or write the same, and in the fundamental principles of Government and other subjects, adapted to prepare them for American citizenship is directed by the Division of Civic Education. State-aided classes were conducted in 56 cities and towns with an enrollment of 5,246 students. These communities were reimbursed fifty per cent of the cost of instruction in the amount of \$124,961.00.

In addition to preparing teachers to instruct the foreign born, this division collects statistics for the U. S. Department of Justice, Division of Immigration and Naturalization, processes requests for reimbursement, conducts an annual conference for supervisors and teachers, and, as far as budget and staff limitations permit, visit classes and participate in special programs.

F. Adult Basic Education

In November, 1964, the Director was assigned to meet with delegates from the other states and certain target cities in a three day conference at the University of Chicago. This Department of Health, Education, and Welfare Conference was held to plan guidelines and procedures which, it is hoped, will reduce, and ultimately eliminate illiteracy throughout the country.

Since that time, the staff of the Division of Civic Education has devoted its time, effort, and talent to setting up a workable program in Massachusetts. This included preparation of explanatory materials, guidelines, a State Plan, teacher-training workshops, and a tentative budget, pending allocation of federal funds.

Three candidates were recruited who will attend a two weeks' intensive training at the University of Maryland this summer, after which they will conduct institutes at the Massachusetts State Colleges.

G. Massachusetts Teachers' Association

The Director has served as member of the Citizenship Committee of the Massachusetts Teachers' Association in which capacity she has been privileged to participate in the state-wide and area programs of the Association.

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H. 4-H Clubs

The contributions of the Division of Civic Education to the Citizenship Program of the State 4-H Club program over the past several years was recognized by a special citation awarded to the Director at the annual Fall Forum at the Hotel Kenmore on October 3, 1964.

V SPECIAL ACTIVITIES OF THE DIVISION

Between July 1, 1964, and June 30, 1965, the Director and the two Supervisors in the Division of Civic Education accepted the following invitations as opportunities to promote civic education:

A. Assembly Talks to Students

| | |
|-----------------------------------|------------|
| Newburyport High | October 2 |
| Charlestown High | October 6 |
| East Boston | October 6 |
| Holy Name of Jesus, Worcester | October 8 |
| Shrewsbury High | October 8 |
| New Bedford Vocational | October 8 |
| Maria Assumpta Academy, Petersham | October 9 |
| Murdock High, Winchendon | October 9 |
| Randolph High | October 16 |
| Auburn High | October 20 |
| Holliston High | October 20 |
| Marion High, Framingham | October 20 |
| St. Joseph High, Lowell | October 23 |
| Gate of Heaven High, South Boston | October 23 |
| Brockton High | November 1 |
| Weymouth High | December 3 |

B. Special Program Participation

| | |
|---|----------------|
| New England Conference on Adult Education | September 25 |
| Bristol County Teachers' Convention | October 14 |
| New England Area History Conference - Regis | October 17 |
| Revere Women's Club | October 21 |
| Essex County Teachers' Convention | October 21 |
| Norfolk County Teachers' Convention | October 30 |
| Fall Conference for Adult Civic Education Teachers | November 7 |
| Massachusetts Committee on Children and Youth | November 21 |
| National Council for the Social Studies - St. Louis | November 24-28 |
| Conference for new Superintendents - Framingham | December 2 |
| International Teachers' Orientation | January 4 |
| National Conference of Christians and Jews | January 12 |
| Massachusetts Secondary School Principals Association - Sudbury | January 29 |
| Professional Conference - Bridgewater | February 3 |

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| | |
|---|--------------------|
| National Conference of Christians and Jews | February 3 |
| International Teachers' Evaluation | February 12 |
| Cambridge Women's Republican Club | February 15 |
| 20th Century Citizens Conference - Bedford | March 5 |
| Boston's Business and Professional Women's Club | March 8 |
| I Am An American Night - Springfield | March 16 |
| New England Adult Education Association | March 18 |
| Boston Student Exchange Groups | March 22 & 29 |
| Elks Student Government Day - Chelsea | March 24 |
| Tufts Assembly on State Government | March 30 & 31 |
| Boston Credit Women's Club | April 8 |
| Hockamock League | April 9 |
| Worcester Exchange Program | April 12 |
| Massachusetts Elementary Principals' Conference -
Amherst | April 12 |
| Citizenship Teacher Training Institute -
Fall River | April 14 |
| Massachusetts Secondary School Principals
Conference - Framingham | April 21 |
| Massachusetts Superintendents Conference -
Bridgewater | April 21 |
| Massachusetts Association of School Business
Managers - Auburn | May 4 |
| Kiwanis Citizenship Recognition - Malden | May 6 |
| Berkshire Principals' Association - North Adams | May 13 |
| Special Commission to prepare plans for the
Bicentennial of the Revolutionary War | May 25 and June 29 |
| Nine State Youth Citizenship Conference - Tufts | June 2, 3, & 4 |
| Girls' State - Bridgewater | June 16 |
| Adult Education Graduation - Fall River | June 17 |
| National Defense Education Act and National Council
for the Social Studies Conference - Washington | June 21-25 |

Margaret M. Gearan
Director of Civic Education

ANNUAL REPORT
DIVISION OF IMMIGRATION AND AMERICANIZATION
FOR THE YEAR ENDING JUNE 30, 1965

On June 30, 1965, the Division of Immigration and Americanization completed 48 years of total service, and 46 years as a part of the Department of Education. Established in 1917 as the Bureau of Immigration and operating as an individual office, with the change of departmental make up, the Bureau of Immigration became the Division of Immigration and Americanization with the same functions and duties.

By statute, the Division is directed to employ such methods, consistent with law as in its judgment will tend to:

1. Bring into sympathetic and mutually helpful relations the Commonwealth and its residents of foreign origin;
2. Protect immigrants from exploitation and abuse;
3. Stimulate their acquisition and mastery of English;
4. Develop their understanding of American Government, institutions and ideals;
5. Generally promote their assimilation and naturalization.

When the original Bureau of Immigration was abolished in 1919 and its functions and duties transferred to the Department of Education, the work was organized as the Division of Immigration and Americanization under the Commissioner of Education with a Director and an Advisory Board of six persons. In 1935, the position of Director was made a paid one and otherwise the Division operated under the Commissioner of Education with a Director and an Advisory Board.

Chapter 409 of the Acts of 1939 materially changed the organization of the Division making it the only Division in the Department of Education which is without a Director. Chapter 409 provides: "That the name of the Advisory Board be changed to the Board of Immigration and Americanization. That the Board shall consist of six persons. Two members of the Board are to be appointed annually for three years by the Governor with the advice and consent of the Council. The Governor shall designate one of the members as the Chairman. The Board shall meet at least once a month at such time as it may by rule determine and when requested by any member thereof. The members of the Board shall receive no compensation for their service."

THE HISTORY OF THE
REIGN OF KING CHARLES THE FIRST
BY JOHN BURNET

THE HISTORY OF THE REIGN OF KING CHARLES THE FIRST, BY JOHN BURNET, A BISHOP OF THE CHURCH OF ENGLAND. IN TWO VOLUMES. THE FIRST VOLUME. LONDON, Printed by J. Streater, at the Sign of the Gun, in St. Dunstons Church-yard, 1680.

CHARLES THE FIRST, KING OF ENGLAND, WAS BORN AT BRISTOL, THE TWENTY-NINTH OF MARCH, 1600.

HE WAS EDUCATED AT WESTMINSTER, AND AT CHICHESTER, UNDER THE CARE OF BISHOP BURNET.

HE WAS CROWNED KING OF ENGLAND, AND OF IRELAND, AT WESTMINSTER, THE TWENTY-NINTH OF FEBRUARY, 1629. HE WAS MARRIED TO CATHARINE OF BRUNSWICK, DAUGHTER OF THE ELECTOR PALATINE, IN 1625.

HE DIED AT WHITEHALLE, THE THIRTIETH OF JANUARY, 1649.

THE HISTORY OF THE REIGN OF KING CHARLES THE FIRST, BY JOHN BURNET, A BISHOP OF THE CHURCH OF ENGLAND. IN TWO VOLUMES. THE SECOND VOLUME. LONDON, Printed by J. Streater, at the Sign of the Gun, in St. Dunstons Church-yard, 1680.

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The Board of Immigration and Americanization has been functioning through the years and the Division given the guidance, concern and interest of many dedicated community leaders of many ethnic origins.

With the enactment of Chapter 572 in June, 1963, as an outcome of the Report of the Special Commission headed by Senator Harrington, the Board of Immigration and Americanization is abolished and it charges the Board of Higher Education with the provision of the program of Immigration and Americanization in the Commonwealth when such a board is established.

The Division recorded 42,660 services for the past year in its five offices: Boston, 23,615; Fall River, 4,173; Lawrence, 5,858; Springfield, 3,697; and Worcester, 5,332 as the charts appended to this report show.

NATIONALITY AND ETHNIC BACKGROUNDS

Of the 104 countries of birth we list in the statistics, the largest group is Italian - 5,712 of whom 3,667 were served in Boston; then 5,081 Canadian born; 4,213 born in the United States; 3,871 for Portuguese clients; 3,367 Cubans; 2,488 Polish; 1,800 born in Ireland; 1,775 for persons born in Greece; 1,405 for German born residents; 1,147 born in England; 771 in China and less for the other nationalities named as the chart shows. The Italians and Canadians record the largest number of noncitizens in the Commonwealth and, naturally, have the problems of family reunions, citizenship applications, etc. The Cubans are a large portion of those assisted as so many are applying for change of status to permanent residence. Also, they are executing documents for family reunions via Spain and Mexico. Many of the Philippine born nationals listed are Servicemen who, now married to citizens of the United States, were assisted in getting a record of permanent entry into the United States and thus be naturalized. Many of the South American applicants who had come to the United States on temporary status as visitors or students, were aided in applications to become permanent residents of the United States. The citizens of the United States are one of the larger groups and they represent not only those who were born in the United States and have never left its shores and now sponsoring relatives, etc., but many of the persons born in the United States had lived abroad for many years. Now, having married and returned to the United States, were assisted in execution of procedures for family reunions. Of this group, many come from Portugal.

LOCALITIES SERVED

The greatest number of services were recorded for clients who resided in the cities where our offices are maintained, although practically every town and city of the Commonwealth is represented.

The localities in order of numbers are:

| | | |
|-------------|---|------------|
| Boston | - | 10,926 |
| Worcester | - | 9,364 |
| Lawrence | - | 8,579 |
| Fall River | - | 8,373 |
| Springfield | - | 1,963 |
| Cambridge | - | 1,830 |
| Lowell | - | 1,634 |
| New Bedford | - | 1,165 etc. |

ALIENS IN MASSACHUSETTS

The 1945 Alien Registration required by the United States Government records 193,000 noncitizens in this State of which 122,492 are permanent residents and 10,508 other than permanent with the following numbers:

NATIONALITIES

| | | |
|-------------------|---|--------|
| 1. Canada | - | 34,381 |
| 2. Italy | - | 13,262 |
| 3. United Kingdom | - | 10,817 |
| 4. Poland | - | 8,953 |
| 5. Ireland | - | 6,375 |
| 6. Germany | - | 5,156 |
| 7. U.S.S.R. | - | 1,824 |
| 8. Cuba | - | 1,507 |
| 9. Netherlands | - | 1,459 |
| 10. Japan | - | 465 |
| 11. Mexico | - | 221 |
| 12. Philippines | - | 214 |

Massachusetts is seventh in the states with number of aliens:

| | <u>TOTAL</u> | <u>PERMANENT RESIDENCE</u> | <u>TEMPORARY</u> |
|------------------|--------------|----------------------------|------------------|
| 1. California | 810,440 | 756,841 | 53,599 |
| 2. New York | 620,119 | 555,090 | 65,029 |
| 3. Texas | 245,880 | 235,580 | 10,300 |
| 4. Illinois | 197,734 | 181,033 | 16,701 |
| 5. New Jersey | 176,835 | 162,225 | 14,610 |
| 6. Florida | 175,219 | 98,562 | 76,657 |
| 7. Massachusetts | 193,000 | 122,492 | 10,508 |
| 8. Michigan | 131,210 | 123,555 | 7,655 |
| 9. Pennsylvania | 102,465 | 93,637 | 8,828 |
| 10. Ohio | 82,320 | 75,475 | 6,845 |

MASSACHUSETTS FOREIGN BORN

The 1960 census lists 5,149,317 residents for Massachusetts. 4.1% of these are aliens, but the so-called foreign stock ratio is 40%. Foreign stock is defined by the Census Bureau as those of foreign birth and natives born of foreign or mixed foreign and native parentage.

TOTAL POPULATION - MASSACHUSETTS. 5,149,317

Native born. 4,572,865 - 88.8%

Native Parentage. . . . 3,091,008 - 60%

Foreign or mixed . . . 1,481,857 - 28.8%
parentage

Foreign born 576,452 - 11.2%

Persons in Massachusetts of "foreign stock" are 2,058,309 or 40% of the total population of the State. The census breakdown of countries of origin for this is as follows:

Country of Origin

| | |
|---------------------|-----------|
| Canada | 647,296 |
| Italy | 311,053 |
| Ireland | 276,166 |
| United Kingdom | 163,137 |
| Poland | 136,942 |
| U. S. S. R. | 129,386 |
| Portugal | 95,328 |
| Germany | 54,743 |
| Sweden | 51,101 |
| Lithuania | 40,921 |
| Asia | 40,474 |
| Greece | 34,007 |
| Other Europe | 19,050 |
| Finland | 18,708 |
| Austria | 17,089 |
| Other America | 16,273 |
| France | 13,103 |
| Not Reported | 11,763 |
| Norway | 10,501 |
| All Other | 9,846 |
| Czechoslovakia | 6,389 |
| Denmark | 5,669 |
| Netherlands | 5,347 |
| Hungary | 4,979 |
| Rumania | 3,354 |
| Switzerland | 3,086 |
| Yugoslavia | 1,402 |
| Mexico | 1,305 |
| TOTAL FOREIGN STOCK | 2,058,309 |

NEWLY ARRIVED IMMIGRANTS

Of the 292,248 immigrants admitted to the United States, for the year 1964, 12,650 persons came to Massachusetts as their first destination from the following countries of birth:

| | |
|---------------------------|-------|
| Canada | 4,114 |
| United Kingdom | 1,569 |
| Ireland | 836 |
| Italy | 813 |
| Germany | 657 |
| Poland | 526 |
| Greece | 277 |
| Norway, Denmark, Sweden | 253 |
| Cuba(permanent residents) | 254 |
| China | 190 |
| U.S.S.R. | 75 |
| Japan | 72 |
| Philippines | 32 |
| Yugoslavia | 22 |
| Mexico | 20 |
| All Other | 2,938 |

In the last ten years, 113,645 immigrants came to Massachusetts:

| | |
|--------|--------|
| 1955 - | 8,817 |
| 1956 - | 11,742 |
| 1957 - | 11,260 |
| 1958 - | 10,128 |
| 1959 - | 9,853 |
| 1960 - | 11,953 |
| 1961 - | 12,091 |
| 1962 - | 11,578 |
| 1963 - | 13,571 |
| 1964 - | 12,650 |

We send a letter of welcome to every new immigrant destined to this Commonwealth and last year we sent 6,981 letters. 2,902 such applicants contacted our offices for information and assistance. Some asked about school information, others selective service registrations, hospital and recreation facilities, as well as community resources. We helped many in making necessary petitions to establish priority quota for families left behind. Referrals to job opportunities were the concern of some, as well as the many questions regarding travel and visits abroad. To become established in new surroundings with a language handicap, as have many of the new arrivals, requires determination and stamina to be finally assimilated and feel a part of the new "country". In the past year, we had contact with a large group of young ladies from several countries who had come to work as domestics. They were sponsored by persons previously unknown to them.

It was generally noted that those who came to towns rather distant from Boston were anxious to fulfill their contracts and leave for cities where they felt educational programs were greater, as well as social contacts. The newcomers who came to close relatives were those who became a part of the community life faster.

CUBANS

The Cuban group in Massachusetts is one of our major projects. 2,255 services were rendered to them. Many are presently being assisted in change of status from parolees to permanent residents. The applications must be initiated at the American Consulate in Montreal for them. Because of the heavy registration of such applicants, it is taking about one year for initial attention after registration. Translation of documents, execution of necessary applications, as well as getting police clearances, prolongs the procedure and requires much correspondence but has the rewarding effect on the applicant of at last really belonging. A number whose applications were initiated in our office have moved out of state. The mobility of a newcomer seeking to establish himself is also that of the parolee Cuban. Some Congressmen are concerned with assisting this group in becoming permanent residents by special legislation, as had to be enacted for the Hungarian Freedom Fighters. So far, no action has been given to such recommendations and the many who seek permanent residence in the United States must follow the procedure of getting the immigrant visas outside of the United States at some cost. Our Spanish speaking Social Worker is heavily burdened with assistance to this group, a great majority non-English speaking.

Family separations are still many with children, parents, brothers and sisters sadly left in Cuba. For some, the path has been from Cuba to Spain and thence to the United States with affidavits made by relatives in the United States. A few have come to Massachusetts via Jamaica. The present procedure of requesting temporary visa to enter Mexico from Cuba has been taking months for favorable action. Then, another set of affidavits must be executed for the American Consul. A number of relatives have been successful in coming this way, many still await attention. The case of the mother who was initially granted a waiver by the Department of State, when transportation was available directly from Cuba to the United States, for her minor son, still waits for his arrival. Not having been successful in 1962 in getting the passport and permission to depart, and now having requested entrance into Mexico some six months ago, the mother and son are trying and keep hoping for the reunion in the United States.

IMMIGRATION PROBLEMS

For the many Canadians listed, our services have covered all aspects of affidavits of support, assistance to change of status to permanent residence, citizenship applications and establishing residence. There, at least, is no problem of quota restrictions. Many of the Canadians enter first as visitors and then, with family ties in the United States, it is a comparatively simple procedure to get the necessary documents, sponsorships and finally the appointments from the Consuls in Canada for issuance of immigrant visas. Of course, with necessary compliance of health requirements, police clearances, etc.

However, from the countries of heavy immigrant registrations, many problems of family separation exist. The largest group affected is the Italians. Brothers and sisters, the beneficiaries of fourth preference category petitions, wait their turn since 1954; a wife and children of a legally resident alien wait since 1961. Recently, a widowed mother, who came to the United States on the petition of her United States citizen daughter, the bride of three years of a Serviceman, hoped to be reunited with her unmarried children she had left abroad. Her approved petition established third preference priority, but after waiting one year in hopes for them to join her under the law, she has returned to Italy.

The Turkish born parent, or parents born in Greece, must wait many years to join their citizen children in the United States under the present law in force since establishment of the quotas in 1924. Receiving active attention now of the legislators in Congress, H.R. 2580, a bill sponsored by the President and a great number of legislators, would solve many of the problems.

Briefly, the bill contains the following major provisions:

1. The national origins quota system will be fully abolished by July 1, 1968.

2. An annual ceiling of 170,000 immigrants is established exclusive of all the Western Hemisphere, exclusive of spouses, unmarried children under 21 years and parents of U. S. citizens.

After July 1, 1968, no country is to receive more than 20,000 per year of the total 170,000.

During the interim period, beginning with the enactment of H.R. 2850 and ending June 30, 1968, unused quota numbers are transferred to an immigration pool to be used by countries whose quotas are oversubscribed. Applicants will be taken on a first come first served basis within the percentage limitation in the order of priority specified in Sec. 203 of the Immigration and Nationality Act.

3. The Asia Pacific Triangle provisions are abolished immediately.

4. Beginning July 1, 1968, immigrants under the 170,000 ceiling will be admitted on a first come, first served basis according to the following preferences:

First Preference: 20% - Unmarried sons and daughters over 21 years of United States citizens.

Second Preference: 20% - Spouses and unmarried sons and daughters of permanent resident aliens.

Third Preference: 10% - Persons who have high professional skills.

Fourth Preference: 10% - Married sons and daughters of United States citizens.

Fifth Preference: 24% - Brothers and sisters of United States citizens.

Sixth Preference: 10% - Persons with skills in crafts needed in the United States for which a demonstrable shortage exists.

Seventh Preference: 6% - Refugees on "conditional entry".

A most recent amendment to the bill is to establish a ceiling of 120,000 from the countries of the Western Hemisphere who, to date, have been classified as "nonquota".

Enactment of this law would prevent hardships of separation in many cases. It would help the Portuguese born resident young lady who returned to Portugal for a visit, married there, and on return, executed the necessary petition to establish the third preference category permitted her under the present law for her husband. Persons in this category registered in 1953 are still waiting for their turn.

Another provision of the new law gives the husband of a citizen the privilege of adjusting his status in the United States even though he had arrived in the United States as a seaman. The situation of Mr. K. is one of many. Born in Greece, as a seaman he had come to the United States on shore leave to visit relatives and did not return to his ship. Within the year, he was married to a citizen of the United States. They established their little home and had their first baby. Mr. K. applied to the United States Immigration Service for adjustment of status and was given voluntary departure rather than deportation because of his family status. Where was he to apply for visa as the law required him to apply for such visa outside the United States; He could only obtain a passport to return to his country of

his birth where military draft awaited him and separation from his family for several years. Applications were made at several consulates nearby but were not accepted. Finally, arrangements were made and he traveled to Europe where visa was issued after much correspondence, arranging appointment and travel on a Certificate of Identity was accepted. His application, initiated January, 1963, culminated in securing the visa in June, 1965 - 2½ years later!!!!

This helpful legislation is awaited by many, many relatives awaiting family reunions and it is expected that the workload of the Division will be exceedingly heavy since many new petitions, as well as affidavits of support, etc., will be necessary. It would appear that adjustment of status in the United States would be available to many spouses of citizens not now eligible.

What effect the establishment of a quota for the countries of the Western Hemisphere will have will be interesting to note as newcomers from Canada to our State have been most numerous to date.

As the statistics show, we receive many, many requests for information regarding immigration laws and procedures and the many affidavits of support we execute for relatives and sponsors in the United States embody every nationality. Affiants are persons of excellent financial resources, as well as those who are newly arrived husbands with steady, permanent jobs, have just rented a flat and bought the furniture to wait the arrival of their families.

FROM BEHIND THE IRON CURTAIN

Notably, some ten families in the past year in the Boston vicinity have been reunited with relatives from behind the Iron Curtain. A brother, a sister and a father, one husband and several mothers were at last issued exit visas to depart from U.S.S.R. The Lithuanian born wife, who for the past six years had renewed her applications for the necessary exit permit from the authorities, finally, at Easter, was made happy with the arrival of her husband. The elderly Latvian mother and Estonian father is happily reunited with their children. Presently, a widowed mother, complying with the ever necessary requests, has been rewarded with the news that the permit is being given to her daughter to leave U.S.S.R. She is now deciding on leaving behind a newly acquired fiancée. Of the number who have been successful, many, many more have not received such action.

An escapee from Bulgaria who went to Germany, enlisted there for service in the United States Army under the Lodge Act, finally completed his five years service, permitted to come to the United States and was naturalized. His father was able to escape from Bulgaria and entered as a refugee. Their wives remain abroad. Even though the American Consulate is ready to issue the necessary visas

on the approved petitions of their spouses, the wives have met refusal the several times they have applied for passports. The "blacklisting" of their spouses who had departed without sanction from behind the Iron Curtain prevents their reunion.

CITIZENSHIP

In Massachusetts, 4,687 persons were naturalized in 1964. The records show our offices filled 2,270 applications for petitions for naturalization. It is notable to record that those being naturalized are the rather "newcomer" to the United States. As soon as the required five years residence is completed, the initial step is taken. Many attend the citizenship classes maintained by the cities and towns in the Commonwealth. We give to each applicant our booklet, The Constitution of the United States with Questions and Answers for Naturalization Examination. Yearly, some 10,000 such issues are distributed to applicants for citizenship classes, civic and patriotic groups.

The applications for Derivative Citizenship Certificate involve procedures of obtaining the necessary birth, marriage and death records. A case in point involved a daughter born in Portugal who derived citizenship through her grandfather who was naturalized prior to 1900 under an Americanized name. Her father, who had lived in the United States as a minor, returned, married in Portugal and had his family there. Coming to the United States as a citizen, in her efforts to get proof of her citizenship, she had to show residence in the United States of her own father prior to his twenty-first birthday. Many months efforts to locate records and witnesses in distant states are not yet successful. She is a citizen of the United States, but to get the necessary certificate proving this fact is still to be solved. We assisted a number of persons in regaining their naturalization certificates which had been taken from them before the Schneider case ruling.

EVALUATION

In highlighting the major aspects of the work of the office, we should not overlook the other many roles of our assistance to have the person of foreign background assimilated and "in mutually helpful relations with the Commonwealth". Our door are open to where the newcomer may come and discuss his problems with a worker in his own native tongue in a comfortable atmosphere and feel that his culture and foreign background is welcome.

In an evaluation of our work for 1964, we find an affirmative and positive answer to the question, "DOES THE DIVISION FILL A PRESENT NEED?". The increase of numbers is one answer to the question.

The foreign born need and use the service the State has provided for them. Furthermore, the figures of the alien registration, over 125,000, show that Massachusetts ranks seventh in the number of foreign born. The actual figure of 2,052,309 persons of foreign origin in Massachusetts indicates that there are still many problems of the person with a foreign background within the State.

The maintenance of the State Program "to bring the Commonwealth and its residents of foreign origin into sympathetic and mutually helpful relationship" is an insurance against the success of foreign propaganda. Men, women and children from other lands who have found an office maintained by the State helpful in solving their special problems of adjustment and guidance in the road to American citizenship which most long for, are immune to forces who seek "to play upon many strings here". The danger may never become a real peril, but the insurance against it by way of a State Program of Americanization forms a safe foundation for Constructive Americanism.

Massachusetts, as a pioneer in many fields, realized its responsibility to the foreign born in the Commonwealth by establishment of this Division in 1917. The work of the Division has increased in services from 7,292 in 1919 to 42,615 in 1965. The Division is not only a source where the foreign speaking or newly arrived immigrants may come and solve many problems, but it serves as a Government agency and helps the Commonwealth to establish mutual benefits for the Commonwealth, as well as to the persons of foreign birth.

PUBLIC RELATIONS

We have the cooperation and contact with many public and private social agencies in our mutual assistance and exchange special technical information regarding social work problems and information on citizenship and immigration matters. Our relations with the United States Immigration and Naturalization Service continue with cooperation and assistance from that office. Cooperation with teachers and adult civic groups, supervisors and directors go on.

Leaders of various ethnic groups have called on us for assistance and explanation of immigration and citizenship laws and encouragement toward naturalization. The work of the office has been aired on radio programs and newspaper publicity in the past year. As a member of national organizations, American Immigration and Citizenship Conference, Social Worker Groups, Massachusetts United Fund, Inter Relations Groups, we participate in many programs.

REPORTS OF DISTRICT AGENTS

SPRINGFIELD OFFICE

On June 30, 1965, this Agency completed 48 years of service to residents of this Commonwealth. During the first two years of our existence, we functioned as a separate and independent bureau. In 1919, as a result of the consolidation of many departments, boards, bureaus and commissions, we were made a part of and brought under the direction of the Department of Education. For the past 46 years, we have been known as the Division of Immigration and Americanization.

Our statistics indicate that 3,697 services were provided for residents of 50 communities located in the four western counties of our State. In addition, we had correspondence with 53 former residents now residing in other parts of the country, as well as abroad.

Nationality and Ethnic Statistics show that we gave services to persons from 72 countries, the majority coming from Canada, United States, Germany, Italy, Poland, Jamaica, Greece, Ireland, Japan and Portugal.

The majority of citizenship applications during the past year required almost immediate attention as the individuals were anxious to complete their citizenship at the earliest possible date because of job opportunities or because of their intentions to travel abroad. This held true in the case of all dependents of servicemen stationed at the Air Force Base here at Westover.

Many inquiries were made concerning the Supreme Court Decision of May 18, 1964 which declared as unconstitutional the law relating to loss of citizenship by residence abroad of naturalized citizens.

As we stated in our last Annual Report, it was hopefully expected that the present Congress would give favorable consideration to liberalizing the Immigration Laws so that it would permit the reuniting of immediate members of families with their relatives in the United States. Although at this writing no change has been made, reports seem to indicate that a change may come about as a result of the urging of President Johnson. Whenever publicity on this subject appeared in the news, we were deluged with telephone calls, a service not recorded in our statistics. Many times we found it difficult to convince the caller that what he or she had read or heard was only a proposal of changes in the Immigration Laws.

In addition to assisting individuals in the preparation of petitions, affidavits of support to sponsor relatives, others to adjust their stay in the United States, others to obtain appointments with United States Consular Service in Canada to obtain visas, we assisted in several of the so-called Chinese "confession" cases.

THE HISTORY OF THE

REIGN OF

The reign of King Henry the Fifth, who reigned from the year 1413 to 1422, was a period of great glory and achievement for England. He was a brave and able leader, who led his country to many victories in France. His reign was marked by his personal leadership and his devotion to his country.

Henry the Fifth was born on 21st September 1413 at Monmouth. He was the third son of Henry the Fourth and Mary de Bohemia. He was educated at the University of Paris, where he became a member of the University of the Middle Temple. He was a brave and able leader, who led his country to many victories in France.

Henry the Fifth was a brave and able leader, who led his country to many victories in France. He was a brave and able leader, who led his country to many victories in France. He was a brave and able leader, who led his country to many victories in France.

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Henry the Fifth was a brave and able leader, who led his country to many victories in France. He was a brave and able leader, who led his country to many victories in France. He was a brave and able leader, who led his country to many victories in France. He was a brave and able leader, who led his country to many victories in France.

A few of these, because of military service in the United States Armed Forces, were permitted to apply for citizenship while others were granted the privilege to apply to adjust their stay in the United States.

In May of this year, a deportation case pending since 1957 was reactivated and the individual given an opportunity to apply for suspension of his deportation and to adjust his stay in the United States. Contrary to public belief, this certainly indicates how lenient and considerate the Federal Government is toward the alien who has a clean record.

In June, we handled a case of a man wishing to bring his illegitimate son, 16 years of age, to reside with him in the United States. He is most anxious to educate this boy and give him a better way of life in this country. A petition was filed by the spouse of this man on the basis of the United States Court Decision of New York City in the case of Nation v. Esperdy. At the moment, we are awaiting formal adjudication of this petition.

During the year, letters of welcome were sent to 646 newly arrived immigrants destined to live in our area. These letters serve as a valuable link in helping to assist these people to adjust to their new way of life. Many of them have expressed amazement, as well as delight at learning that someone cares to listen to their problems and endeavor to solve them no matter how minute or complex they might be. Having been thus convinced of the integrity and ability of our Agency, there is no doubt that the aliens' interest to our State and Government will be an asset.

The Agent has attended final hearings for naturalization at the local Court and always received the cordial and concerned assistance of the Clerk of Court and the Naturalization Examiner.

Throughout the year, we have had contacts with many of the teachers of evening citizenship classes in neighboring communities. We have enjoyed pleasant relations with both private and public agencies and we continue to receive excellent cooperation and valuable assistance from both the Boston and Springfield Offices of the Department of Justice, Immigration and Naturalization Service.

FALL RIVER OFFICE

The Fall River Office completed the fiscal year ending June 30, 1965 with a total of 4,178 services rendered to clients. These clients came from 32 localities in the Southeastern Massachusetts area.

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This total, 4,178, was an increase in services amounting to 456 from the previous fiscal year. The ethnic background of these clients is made up of forty-one different nations.

A total of 483 new arrival slips were received at this office and newcomer letters were sent to these individuals informing them of our services. A newcomer letter which is mailed to the immigrant is not recorded in our statistics. Only those who call or write to us for information concerning a particular problem are then recorded.

Of the communities served by this branch office, the city of Fall River leads the list of clients and the city of New Bedford ranks second. This District Agent visits New Bedford one day a week and usually encounters a heavy workload on that single day.

The bulk of the workload consists of citizenship; immigration problems; adjustment of status cases and writing letters to local, State and Federal agencies. Also corresponding with the Department of State and Foreign Service Offices throughout the world.

World tension and upheavals abroad find many persons seeking entrance into the United States and small quotas for countries like Greece, Portugal and Spain make it next to impossible to immigrate to the United States unless they have close family ties.

The major nationality makeup here in Southeastern Massachusetts is of peoples of the small quota country of Portugal. They have an annual quota of 438 which includes the Continent and the numerous Azorean Islands. The immediate problem of this small Portuguese quota is that hundreds of legal resident aliens in this locality are separated from their spouses and children. They are third preference quota immigrants and this category is oversubscribed for a period of more than ten years, making the separation of the family unit a heartbreaking problem.

New legislation is now pending before the Congress to eliminate the present quota system. If and when it is enacted, it will be a huge step in correcting this injustice. The impact of this new legislation, when it becomes law, will also increase the workload due to the fact that thousands of brothers and sisters in this area are registered on the Consulates waiting list as intending immigrants.

It is evident that the Commonwealth of Massachusetts can look with pride in its statewide program of sympathetic and mutual helpful assistance to residents of foreign origin.

WORCESTER OFFICE

This office has even taken a part in the space program as employees of the manufacturer of space suits for the United States Space Program have been assisted in applications for United States citizenship and questions in regard to security clearances.

During the year we have had a multitude of inquiries concerning "Bills" by Congress and statements by President Lyndon B. Johnson to revise the present immigration laws, especially by persons whose relatives would be affected. At present, the annual quota of 308 for Greece is pathetically low, and for other countries, such as Italy, even though the annual quota is 5,666, it still means a wait of many years for close relatives and family members to be reunited.

In March, we were happy to hear that the Worcester Roman Catholic Diocese Catholic Charities will accept Protestant and Catholic home studies for inter-country adoptions, and the Jewish Family Services for Jewish families. A law passed in 1961 states "that a home study of the adopting family must be done by an accredited agency in the state of the adopting family". Although this is beneficial for the child and sponsors, the resulting expense and red tape caused social agencies to gradually drop this phase of their program until there were none in Worcester county performing such a function. This revised policy by these two agencies is a blessing for the children who will benefit by it, some of the orphans, as the ones in Korea, are called "children of tragedy". This plan will expedite applications pending now for several of our clients.

Worcester, the second largest city in the state, and its environs, with substantial groups of Canadian, Greek, Irish, Italian and Polish descent persons, first and second generation Americans of various ethnic backgrounds, furnished this branch office with 3,348 clients for 5,332 services. This service covers many aspects of assimilation, immigration and citizenship of the clients.

The Agent attends the naturalization hearings at Superior Court in Worcester. It is gratifying to see the many familiar faces who are now being admitted to citizenship. Especially the ones with whom we had a problem, such as, an elderly woman who arrived from Ireland in 1910 but did not remember the name of the ship or exact date of arrival. We had a difficult task proving residence for her registry application in connection with naturalization. Many occupations and professions are represented among the new citizens, but it was unusual to have three clergymen sworn in among a group of sixty-three persons. The local newspaper pictured them on the front page.

In another citizenship matter, we assisted five adult members of a family who arrived in the United States from Canada in 1944 with their derivative applications. They were born between 1930 and 1936;

Introduction

The following is a list of the most important works on the subject of the history of the United States, from the time of the discovery of the continent to the present day. The list is arranged in alphabetical order of the author's name.

1. *The History of the United States*, by John Adams. This work is a comprehensive history of the United States, from the time of the discovery of the continent to the present day. It is a classic work of American history, and is one of the most important works on the subject.

2. *The History of the United States*, by James Osgood Easton. This work is a comprehensive history of the United States, from the time of the discovery of the continent to the present day. It is a classic work of American history, and is one of the most important works on the subject.

3. *The History of the United States*, by Howard Chandler Christy. This work is a comprehensive history of the United States, from the time of the discovery of the continent to the present day. It is a classic work of American history, and is one of the most important works on the subject.

4. *The History of the United States*, by John Jay. This work is a comprehensive history of the United States, from the time of the discovery of the continent to the present day. It is a classic work of American history, and is one of the most important works on the subject.

5. *The History of the United States*, by John Jay. This work is a comprehensive history of the United States, from the time of the discovery of the continent to the present day. It is a classic work of American history, and is one of the most important works on the subject.

the father was born in the United States and the mother was naturalized in 1960. Pertinent records had to be obtained as birth and marriage, before applications were filed. The group, the children and the parents were interviewed at one time and the various requirements were complied with. Each member of the family now has a certificate to prove his own right to United States citizenship.

The past year showed an increase of clients over last year in this area and all phases of immigration and citizenship and newcomer adjustment come for our attention. The cosmopolitan atmosphere of this area of Massachusetts with its many nationalities, especially with the enactment of new immigration legislation, will be a further impetus for the assistance this office will give in our efforts "to bring into sympathetic and mutually helpful relations the Commonwealth and its residents of foreign origin".

LAWRENCE OFFICE

The end of 1965 fiscal year showed that the Lawrence Office rendered 5,838 services to the residents of Merrimack Valley. A notable increase over last year. This Agent has office hours one day weekly in the Lowell City Hall and the statistics show that Lowell residents came for our attention, so that 1634 services at Lowell were given.

One of the most dramatic cases which finally was successfully concluded after six years of persistence endeavor was the arrival from U.S.S.R. of a young adult son to be reunited with his father. He arrived at Christmas time and it was indeed a happy occasion for the father who had first come to see me six years ago. He related to me a most amazing story of how, in 1947, his former wife had "kidnapped" their six year old son and three teen-age daughters in the middle of the night. She had taken the children to New York where they boarded a ship destined to the Soviet Union. Mr. X had explained to me that the Soviet government was then offering former residents free passage back to the Soviet Union plus land for a home. He and his wife had had several arguments, since she insisted on returning and he wanted absolutely nothing to do with the Soviet Union nor with Communism.

From that day in 1947 until 1958, Mr. X had tried, unsuccessfully, to bring, at least his son back. From January, 1959 until just before Christmas, 1964, we worked diligently with the father, exploring all possibilities. Finally, the day came when our persistence paid off and the boy was permitted to leave the Soviet Union. We are now in the process of execution of papers for the sisters and their families.... and for the mother, who has expressed a desire to return.

Current events are not just something we read about in the newspapers, but actually influence and guide our work. We have, for example, a young lady visiting from the Dominican Republic. She overstayed her time and was given voluntary departure to leave the United States. Before she could go, hostilities broke out in the Dominican Republic, making it dangerous for her to return. So far, her pleas to grant her extensions of stay on a month to month basis have been honored by the United States Immigration and Naturalization Service.

Then, there are the Cubans. Our pending file on them is still heavy, since we are continuing to arrange appointments for them with the American Consular authorities in Montreal, Canada so they can receive immigration visas. Now, we have taken on an additional task with the Cubans. That is, the completion of affidavits of support to the Mexican government so their relatives can obtain transit visas from Cuba to Mexico. Once they are in Mexico, we complete affidavits of support to the American authorities so the relatives can immigrate to this country. Several families have already come in this manner.

There were sad moments and there were happy moments. Sad, when we had to tell a young Italian couple that their mentally-retarded six year old son was again refused a visa after another examination conducted by the United States Public Health Officer in Naples revealed he was still excludable. Happy, when we were able to assure a young man married to a citizen of the United States that the Immigration and Naturalization Service which had previously denied his application for permanent residence had reversed their decision on our appeal coupled with a representation before the Special Inquiry Officer.

Assistance on citizenship matters, travel information, letters of welcome to newcomers, letters to government agencies here and abroad on behalf of clients, talks before Americanization classes, the dissemination of radio and newspaper publicity, translation and interpretation, interview and referral.....all these, served to round out a most eventful year. As the fiscal year drew to a close, we were preparing to move to more spacious quarters in a section of the city where many government offices will be relocating and better serve our applicants.

| | BOSTON | FALL RIVER | LAWRENCE | SPRING-FIELD | WORCESTER | |
|----------------------------------|--------------------|------------|----------|--------------|-----------|-------|
| | STATISTICAL DETAIL | | | | | |
| | Services Given | | | | | |
| FISCAL YEAR 7/1/64 - 6/30/65 | | | OFFICE | All Offices | | |
| INFORMATION | 6112 | 2042 | 274 | 2104 | 3261 | 16262 |
| Booklets, forms, blanks | 1531 | 559 | 112 | 342 | 302 | 2846 |
| Citizenship | 581 | 707 | 404 | 807 | 936 | 3435 |
| Immigration | 3491 | 389 | 1923 | 755 | 1293 | 7851 |
| Travel | 134 | 19 | 200 | 123 | 727 | 1203 |
| Other | 375 | 368 | 104 | 77 | 3 | 927 |
| FORMS FILLED | 5796 | 1009 | 1422 | 757 | 1060 | 10044 |
| AR-11(Change of Address) | 259 | 41 | 112 | 69 | 73 | 554 |
| DSP-70(Biographic Data) | 127 | - | 41 | - | 5 | 173 |
| DSP-78(Cuban Waiver) | 3 | - | - | - | - | 3 |
| FS-497(Visa Registration) | 235 | 6 | 58 | 11 | 10 | 320 |
| FS-510(Imm.Visa Application) | 190 | - | 61 | 5 | 8 | 264 |
| G-28 (Representative Reg.) | 216 | 45 | 27 | - | 25 | 313 |
| I-53(Alien Registration) | 788 | 172 | 600 | 107 | 274 | 1941 |
| I-90(Dupl.Alien Reg.Card) | 300 | 19 | 26 | 46 | 39 | 430 |
| I-129B(Petition for Visa) | 9 | - | 1 | - | - | 10 |
| I-130(Relative Petition) | 515 | 86 | 58 | 50 | 76 | 785 |
| I-131(Reentry Permit) | 147 | - | 14 | 9 | 27 | 197 |
| I-140(Skilled Labor Petition) | 7 | - | 4 | - | - | 11 |
| I-191(re:Unrelinquished Dom.) | 2 | - | - | - | - | 2 |
| I-212(Per.to reenter after Dep.) | 3 | 1 | 1 | 1 | - | 6 |
| I-243(Removal to Native Country) | 3 | - | 1 | - | - | 4 |
| I-256A(Suspension Deportation) | - | 1 | 1 | 2 | - | 4 |
| I-290B(Appeal) | 4 | 1 | - | - | - | 5 |
| I-484(Foreign Clearance) | 28 | - | - | - | 2 | 30 |
| I-485(Registry for Citizenship) | 23 | 8 | 2 | 3 | 1 | 37 |
| I-485(Status Adjustment) | 248 | 41 | 26 | 17 | 25 | 357 |
| I-506(Temp. Change Status) | 43 | 3 | 2 | 4 | 6 | 58 |
| I-539(Extension Visitor Stay) | 320 | 192 | 90 | 45 | 140 | 787 |
| I-550(Verification Legal Entry) | 37 | - | 5 | 6 | - | 48 |
| I-591(Refugee-Escapee Assurance) | 2 | - | - | - | - | 2 |
| I-600(Orphan Application) | 12 | - | 1 | - | - | 13 |
| I-601(Waiver) | 3 | - | - | 1 | 1 | 5 |
| I-612(Exch. Student Waiver) | 5 | - | - | - | 1 | 6 |
| Other Immigration Forms | 106 | 5 | 97 | 8 | 30 | 246 |
| N-300(Declaration of Intention) | 168 | 11 | 5 | 15 | 18 | 217 |
| N-400(Pet.for Naturalization) | 1304 | 257 | 115 | 186 | 214 | 2071 |
| N-401(Repatriation) | 4 | - | - | 2 | - | 6 |
| N-402(Petition Nat.of Child) | 78 | 57 | 12 | 34 | 13 | 194 |
| N-426(Verification Mil.Serv.) | 44 | - | 1 | 6 | - | 51 |
| N-565(Duplicate Certificate) | 129 | 7 | 16 | 15 | 8 | 175 |
| N-577(Cit.Verification Abroad) | 2 | - | - | 2 | - | 4 |
| N-585(Info. from Records) | 130 | - | 5 | 8 | 5 | 148 |
| N-600(Deriv.Cert.Application) | 298 | 43 | 40 | 99 | 56 | 536 |
| Other Naturalization Forms | 4 | 13 | - | 6 | 3 | 26 |
| Page Total | 11908 | 3051 | 4165 | 2861 | 4321 | 26306 |

| | BOSTON | FALL
RIVER | LAWRENCE | SPRING-
FIELD | WORCESTER | TOTAL |
|-------------------------|--------|---------------|----------|------------------|-----------|-------|
| EXECUTION OF AFFIDAVITS | 2327 | 213 | 329 | 163 | 360 | 3392 |
| Affidavit of Support | 2005 | 80 | 201 | 97 | 270 | 2653 |
| Affidavit of Facts | 75 | 6 | 46 | 2 | 4 | 133 |
| Certificate of Identity | 49 | 1 | 1 | 1 | 1 | 53 |
| U.S.S.R. Exit Permits | 31 | - | 3 | - | 1 | 35 |
| Polish Assurance | 31 | 7 | 17 | - | 36 | 91 |
| Other Notarial | 136 | 119 | 61 | 63 | 48 | 427 |
| OTHER SERVICES | 7498 | 439 | 1311 | 301 | 511 | 10060 |
| Change of Status(Cases) | 535 | 52 | 74 | 33 | 33 | 727 |
| Appearance at Hearings | 177 | 13 | 1 | - | 4 | 195 |
| Interpretation & Trans. | 918 | 1 | 111 | - | 121 | 1151 |
| Letters | 5863 | 313 | 954 | 263 | 353 | 7746 |
| Other | 5 | 60 | 171 | 5 | - | 241 |
| NEWCOMER INTERVIEW | 1882 | 475 | 33 | 372 | 140 | 2902 |
| Page Total | 11707 | 1127 | 1673 | 836 | 1011 | 16354 |
| First Page Total | 11908 | 3051 | 4165 | 2861 | 4321 | 26306 |
| GRAND TOTAL | 23,615 | 4178 | 5838 | 3697 | 5332 | 42660 |

| | BOSTON | FALL
RIVER | LAWRENCE | SPRING-
FIELD | WORCESTER | TOTAL |
|-----------------------------------|--------|---------------|----------|------------------|-----------|--------|
| ETHNIC AND NATIONALITY STATISTICS | | | | | | |
| Albania | 54 | - | 2 | 1 | 156 | 213 |
| Algeria | 15 | - | - | 1 | - | 16 |
| Antigua | 6 | - | - | - | - | 6 |
| Argentina | 161 | 2 | 37 | 8 | 25 | 233 |
| Armenia(R.or T.) | 24 | - | 69 | 4 | 88 | 185 |
| Aruba | 1 | - | - | - | - | 1 |
| Australia | 24 | - | 7 | 3 | 7 | 41 |
| Austria | 118 | 9 | 5 | 12 | 19 | 163 |
| Bahamas | 10 | - | - | - | - | 10 |
| Barbados | 297 | - | - | 47 | 3 | 347 |
| Belgium | 36 | - | 31 | 36 | 20 | 123 |
| Bermuda | 49 | - | 1 | 11 | 31 | 92 |
| Bolivia | 83 | - | 7 | - | - | 90 |
| Brazil | 202 | 21 | 11 | - | 19 | 253 |
| Br. Guiana | 13 | - | - | - | - | 13 |
| Bulgaria | 27 | - | 2 | 2 | - | 31 |
| Canada | 2,719 | 107 | 1,064 | 547 | 644 | 5,081 |
| Ceylon | 5 | - | - | - | - | 5 |
| Chile | 95 | - | 1 | - | - | 96 |
| China | 467 | 196 | 40 | 26 | 42 | 771 |
| Colombia | 202 | 12 | 55 | 3 | 34 | 306 |
| Congo | 6 | - | - | - | - | 6 |
| Costa Rica | 107 | - | 3 | 6 | - | 116 |
| Cuba | 2,265 | 3 | 883 | 55 | 161 | 3,367 |
| Cyprus | 15 | - | 4 | - | 1 | 20 |
| Czechoslovakia | 56 | - | 4 | 20 | 5 | 85 |
| Danzig | 2 | - | - | - | - | 2 |
| Denmark | 77 | - | 1 | 15 | 14 | 107 |
| Dominican Republic | 106 | - | 82 | 3 | 4 | 195 |
| Ecuador | 81 | - | 53 | 6 | - | 140 |
| Egypt | 73 | 5 | 49 | 7 | 16 | 150 |
| El Salvador | 24 | - | - | - | - | 24 |
| England | 577 | 93 | 127 | 205 | 145 | 1,147 |
| Estonia | 7 | - | 2 | - | 2 | 11 |
| Finland | 21 | - | 6 | 5 | 27 | 59 |
| Formosa | 9 | - | - | - | - | 9 |
| France | 258 | 22 | 91 | 58 | 66 | 495 |
| Germany | 666 | 57 | 185 | 202 | 195 | 1,405 |
| Ghana | 13 | - | - | - | - | 13 |
| Greece | 848 | 54 | 456 | 140 | 257 | 1,755 |
| Guatemala | 27 | - | 1 | 2 | - | 30 |
| Haiti | 158 | 1 | 9 | 5 | 10 | 183 |
| Honduras | 102 | - | 9 | - | 1 | 112 |
| Hong Kong | 30 | 7 | 11 | - | 7 | 55 |
| Hungary | 192 | 9 | 78 | 24 | 47 | 350 |
| Iceland | 10 | - | - | - | 1 | 11 |
| India | 66 | 2 | 102 | 3 | 84 | 257 |
| Indonesia | 33 | - | 1 | 33 | 7 | 74 |
| Iran | 44 | - | 47 | - | 13 | 104 |
| Iraq | 18 | - | 6 | 2 | - | 26 |
| Ireland | 1,462 | 3 | 58 | 138 | 139 | 1,800 |
| Israel | 81 | - | 11 | - | 33 | 125 |
| Italy | 3,667 | 51 | 692 | 299 | 1,003 | 5,712 |
| Page Total | 15,709 | 654 | 4,303 | 2,029 | 3,326 | 26,021 |

| | BOSTON | FALL
RIVER | LAWRENCE | SPRING-
FIELD | WORCESTER | TOTAL |
|---------------------|--------|---------------|----------|------------------|-----------|--------|
| Jamaica | 299 | 4 | 5 | 200 | 7 | 515 |
| Japan | 64 | 12 | 9 | 117 | 29 | 231 |
| Jordan | 16 | 1 | 7 | 6 | 10 | 40 |
| Kenya | 51 | - | - | - | 5 | 56 |
| Korea | 67 | 1 | 21 | 28 | 25 | 142 |
| Latvia | 102 | 2 | 4 | 5 | 7 | 120 |
| Lebanon | 107 | 27 | 282 | 47 | 63 | 526 |
| Liberia | 18 | - | - | 1 | - | 19 |
| Libya | 11 | - | 1 | 14 | 17 | 43 |
| Lithuania | 255 | - | 37 | 5 | 88 | 385 |
| Macau | 2 | - | - | - | - | 2 |
| Malaya | 5 | - | - | 3 | - | 8 |
| Mexico | 93 | 2 | 19 | 12 | 15 | 141 |
| Montserrat | 151 | - | - | 1 | - | 152 |
| Morocco | 9 | 1 | - | 7 | - | 17 |
| Netherlands | 133 | - | 20 | 28 | 49 | 230 |
| New Zealand | 9 | - | 8 | - | 4 | 21 |
| Nicaragua | 9 | - | - | - | - | 9 |
| Norway | 52 | 40 | 3 | 4 | 10 | 109 |
| Other Countries | 82 | - | 1 | 8 | 6 | 97 |
| Pakistan | 2 | - | 2 | - | 2 | 6 |
| Palestine | 32 | - | 21 | 4 | 2 | 59 |
| Panama | 137 | 5 | - | 27 | 13 | 182 |
| Paraguay | 4 | - | - | - | - | 4 |
| Peru | 121 | - | - | 26 | 6 | 153 |
| Philippines | 316 | 23 | 20 | 4 | 23 | 386 |
| Poland | 1,207 | 115 | 280 | 282 | 604 | 2,488 |
| Portugal | 726 | 2,841 | 166 | 117 | 21 | 3,871 |
| Puerto Rico | 12 | - | 1 | 1 | 4 | 18 |
| Rumania | 49 | - | 6 | 4 | 10 | 69 |
| Saudi Arabia | 5 | - | - | - | - | 5 |
| Scotland | 178 | 10 | 21 | 56 | 49 | 314 |
| South Africa | 34 | 7 | 8 | 2 | - | 51 |
| Spain | 97 | 12 | 13 | 36 | 21 | 179 |
| St. Lucia | 6 | - | - | - | - | 6 |
| Sudan | 4 | - | 1 | - | - | 5 |
| Sweden | 82 | 7 | 6 | 8 | 41 | 144 |
| Switzerland | 68 | - | - | 4 | 3 | 75 |
| Syria | 100 | 1 | 13 | 11 | 12 | 137 |
| Thailand | 12 | - | - | 3 | 11 | 26 |
| Trinidad | 84 | - | - | 14 | 4 | 102 |
| Turkey | 279 | - | 52 | 24 | 97 | 452 |
| Ukraine | 33 | 1 | - | 5 | 2 | 41 |
| U.S.S.R. | 246 | 11 | 50 | 65 | 34 | 406 |
| United States | 2,237 | 396 | 418 | 479 | 683 | 4,213 |
| Uruguay | 22 | - | - | - | - | 22 |
| Venezuela | 36 | - | 11 | 1 | 4 | 52 |
| Vietnam | 3 | 4 | 5 | - | - | 12 |
| Wales | 7 | - | - | - | - | 7 |
| West Indies (Other) | 129 | - | 1 | 5 | - | 135 |
| Yugoslavia | 103 | 1 | 23 | 4 | 25 | 156 |
| Page Total | 7,906 | 3,524 | 1,535 | 1,668 | 2,006 | 16,639 |
| 1st Page Total | 15,709 | 654 | 4,303 | 2,029 | 3,326 | 26,021 |
| GRAND TOTAL | 23,615 | 4,178 | 5,838 | 3,697 | 5,332 | 42,660 |

| | BOSTON | FALL
RIVER | LAWRENCE | SPRING-
FIELD | WORCESTER | TOTAL |
|-------------------------------------|----------------------------|---------------|----------|------------------|-------------|--------|
| | <u>L O C A L I T I E S</u> | | | | | |
| Fiscal Year <u>7/1/64 - 6/30/65</u> | | | | OFFICE | All Offices | |
| Abington | 22 | - | - | - | - | 22 |
| Acton | 12 | - | 1 | - | - | 13 |
| Acushnet | - | 34 | - | - | - | 34 |
| Adams | 7 | - | - | 11 | - | 18 |
| Agawam | - | - | - | 46 | - | 46 |
| Amesbury | 2 | - | 13 | - | - | 15 |
| Amherst | 6 | - | - | 16 | - | 22 |
| Andover | 13 | - | 126 | - | - | 139 |
| Arlington | 288 | - | - | - | - | 288 |
| Ashburnham | 1 | - | - | - | 1 | 2 |
| Ashby | 1 | - | - | - | - | 1 |
| Ashland | 8 | - | - | - | - | 8 |
| Athol | 6 | - | - | - | 14 | 20 |
| Attleboro | 22 | 33 | - | - | - | 55 |
| Auburn | - | - | - | - | 88 | 88 |
| Avon | 10 | - | - | - | - | 10 |
| Ayer | 78 | - | 5 | - | 5 | 88 |
| Barnstable | 14 | 14 | - | - | - | 28 |
| Barre | - | - | - | - | 19 | 19 |
| Bedford | 34 | - | 6 | - | - | 40 |
| Belchertown | - | - | - | 3 | - | 3 |
| Bellingham | 20 | - | - | - | - | 20 |
| Belmont | 276 | - | 1 | - | - | 277 |
| Beverly | 64 | - | 20 | - | - | 84 |
| Billerica | 33 | - | 7 | - | - | 40 |
| Blandford | - | - | - | 2 | - | 2 |
| Bolton | 1 | - | - | - | 3 | 4 |
| Boston | 10,857 | 1 | 62 | 1 | 5 | 10,926 |
| Bourne | 29 | 16 | - | - | - | 45 |
| Boxborough | - | - | 2 | - | - | 2 |
| Boxford | 1 | - | - | - | - | 1 |
| Boylston | - | - | - | - | 32 | 32 |
| Braintree | 57 | - | - | - | - | 57 |
| Bridgewater | 15 | 14 | - | - | - | 29 |
| Brockton | 280 | 4 | - | - | - | 284 |
| Brookfield | 1 | - | - | - | 27 | 28 |
| Brookline | 794 | - | 5 | - | - | 799 |
| Burlington | 69 | - | - | - | - | 69 |
| Cambridge | 1,821 | - | 9 | - | - | 1,830 |
| Canton | 45 | - | 5 | - | - | 50 |
| Carlisle | 3 | - | - | - | - | 3 |
| Carver | 1 | - | - | - | - | 1 |
| Charlemont | - | - | - | 1 | - | 1 |
| Charlton | - | - | - | - | 37 | 37 |
| Chatham | 1 | - | - | - | - | 1 |

| | BOSTON | FALL
RIVER | LAWRENCE | SPRING-
FIELD | WORCESTER | TOTAL |
|------------------|--------|---------------|----------|------------------|-----------|-------|
| Chelmsford | 6 | - | 72 | - | - | 78 |
| Chelsea | 248 | - | 1 | - | - | 249 |
| Chesterfield | - | - | - | 1 | - | 1 |
| Chicopee | 2 | - | - | 589 | - | 591 |
| Clinton | 6 | - | - | - | 110 | 116 |
| Cohasset | 4 | - | - | - | - | 4 |
| Concord | 60 | - | - | - | - | 60 |
| Dalton | - | - | - | 5 | - | 5 |
| Danvers | 58 | - | 8 | - | - | 66 |
| Dartmouth | 6 | 158 | - | - | - | 164 |
| Dedham | 129 | - | - | - | - | 129 |
| Deerfield | - | - | - | 2 | - | 2 |
| Dennis | - | 2 | - | - | - | 2 |
| Dighton | - | 12 | - | - | - | 12 |
| Dover | 17 | - | - | - | - | 17 |
| Dracut | 4 | - | 94 | - | - | 98 |
| Dudley | - | - | - | - | 81 | 81 |
| Dunstable | - | - | 1 | - | - | 1 |
| Duxbury | 23 | - | - | - | - | 23 |
| East Brookfield | - | - | - | - | 2 | 2 |
| East Longmeadow | - | - | - | 24 | - | 24 |
| Easthampton | - | - | - | 17 | - | 17 |
| Easton | 8 | - | - | - | - | 8 |
| Everett | 307 | - | - | - | - | 307 |
| Fairhaven | 7 | 100 | - | - | - | 107 |
| Fall River | 7 | 2,266 | - | - | - | 2,273 |
| Falmouth | 40 | 39 | - | - | - | 79 |
| Fitchburg | 10 | - | - | - | 65 | 75 |
| Foxborough | 14 | 5 | - | - | - | 19 |
| Framingham | 232 | - | - | - | 11 | 243 |
| Franklin | 65 | - | - | - | - | 65 |
| Gardner | 3 | - | - | - | 66 | 69 |
| Georgetown | 4 | - | 5 | - | - | 9 |
| Gill | - | - | - | 4 | - | 4 |
| Gloucester | 136 | - | - | - | - | 136 |
| Grafton | 6 | 7 | - | - | 105 | 118 |
| Granby | 2 | - | - | 14 | - | 16 |
| Great Barrington | 3 | - | - | 13 | - | 16 |
| Greenfield | 13 | - | - | 5 | - | 18 |
| Groton | 2 | - | 5 | - | - | 7 |
| Groveland | 1 | - | 6 | - | - | 7 |
| Hadley | - | - | - | 8 | - | 8 |
| Hamilton | 25 | - | 1 | - | - | 26 |
| Hampden | - | - | - | 9 | - | 9 |
| Hanover | 6 | - | - | - | - | 6 |
| Hanson | 6 | - | - | - | - | 6 |

| | BOSTON | FALL
RIVER | LAWRENCE | SPRING-
FIELD | WORCESTER | TOTAL |
|---------------|--------|---------------|----------|------------------|-----------|-------|
| Hardwick | 1 | - | - | 4 | 10 | 15 |
| Harvard | 1 | - | - | - | - | 1 |
| Harwich | 1 | - | - | - | - | 1 |
| Hatfield | 4 | - | - | 7 | - | 11 |
| Haverhill | 15 | - | 433 | - | - | 448 |
| Hingham | 17 | - | - | - | - | 17 |
| Holbrook | 49 | - | - | - | - | 49 |
| Holden | - | - | - | - | 73 | 73 |
| Holland | - | - | - | 3 | - | 3 |
| Holliston | 3 | - | - | - | - | 3 |
| Holyoke | 11 | - | - | 290 | - | 301 |
| Hopedale | - | - | - | - | 5 | 5 |
| Hopkinton | 1 | - | - | - | 3 | 4 |
| Hudson | 40 | - | 1 | - | 22 | 63 |
| Hull | 49 | - | - | - | - | 49 |
| Huntington | - | - | - | 1 | - | 1 |
| Ipswich | 29 | - | - | - | - | 29 |
| Lakeville | 1 | - | - | - | - | 1 |
| Lancaster | 37 | - | - | - | 70 | 107 |
| Lawrence | 47 | - | 2,520 | 12 | - | 2,579 |
| Leicester | - | - | - | - | 77 | 77 |
| Lenox | 1 | - | - | - | - | 1 |
| Leominster | 2 | - | - | - | 37 | 39 |
| Lexington | 130 | - | - | - | - | 130 |
| Lincoln | 26 | - | - | - | - | 26 |
| Littleton | 16 | - | 4 | - | - | 20 |
| Longmeadow | - | - | - | 61 | - | 61 |
| Lowell | 33 | - | 1,601 | - | - | 1,634 |
| Ludlow | 17 | - | - | 131 | - | 148 |
| Lunenburg | 2 | - | - | - | - | 2 |
| Lynn | 341 | - | 11 | - | - | 352 |
| Lynnfield | 5 | - | - | - | - | 5 |
| Malden | 223 | - | - | - | - | 223 |
| Manchester | 5 | - | - | - | - | 5 |
| Mansfield | 16 | 1 | - | - | - | 17 |
| Marblehead | 40 | - | 1 | - | - | 41 |
| Marion | 3 | - | - | - | - | 3 |
| Marlborough | 20 | - | - | - | 22 | 42 |
| Marshfield | 49 | - | - | - | - | 49 |
| Mattapoisett | 7 | - | - | - | - | 7 |
| Maynard | 31 | - | - | - | - | 31 |
| Medfield | 3 | - | - | - | - | 3 |
| Medford | 343 | - | - | - | - | 343 |
| Medway | 12 | - | - | - | - | 12 |
| Melrose | 89 | - | 3 | - | - | 92 |
| Merrimac | 2 | - | 5 | - | - | 7 |
| Methuen | 5 | - | 419 | - | 3 | 427 |
| Middleborough | 9 | 9 | - | - | - | 18 |
| Middleton | 3 | - | - | - | - | 3 |
| Milford | 4 | - | - | - | 112 | 116 |

| | BOSTON | FALL
RIVER | LAWRENCE | SPRING-
FIELD | WORCESTER | TOTAL |
|--------------------|--------|---------------|----------|------------------|-----------|-------|
| Millbury | - | - | - | - | 49 | 49 |
| Millis | 13 | - | - | - | - | 13 |
| Milton | 76 | 2 | - | - | - | 78 |
| Monson | - | - | - | 5 | - | 5 |
| Montague | - | - | - | 5 | - | 5 |
| Monterey | - | - | - | 1 | - | 1 |
| Nahant | 10 | - | - | - | - | 10 |
| Nantucket | 1 | - | - | - | - | 1 |
| Natick | 199 | - | - | - | - | 199 |
| Needham | 53 | - | - | - | - | 53 |
| New Bedford | 39 | 1,123 | 3 | - | - | 1,165 |
| New Braintree | - | - | - | - | 3 | 3 |
| New Marlborough | - | - | - | 2 | - | 2 |
| Newbury | - | - | 3 | - | - | 3 |
| Newburyport | 9 | - | 6 | - | - | 15 |
| Newton | 716 | - | - | - | - | 716 |
| North Adams | 6 | - | - | 6 | 1 | 13 |
| North Andover | - | - | 117 | - | - | 117 |
| North Attleborough | 9 | - | - | - | - | 9 |
| North Reading | 8 | - | 7 | - | - | 15 |
| Northampton | 2 | - | - | 38 | - | 40 |
| Northborough | 2 | - | - | - | 46 | 48 |
| Northbridge | 5 | - | - | - | 31 | 36 |
| Norton | 5 | 9 | - | - | - | 14 |
| Norwell | 3 | - | - | - | - | 3 |
| Norwood | 139 | - | - | - | 2 | 141 |
| Oakham | - | - | - | - | 3 | 3 |
| Orange | 1 | - | - | 1 | - | 2 |
| Orleans | 3 | 3 | - | - | - | 6 |
| Oxford | - | - | - | - | 47 | 47 |
| Palmer | - | - | - | 33 | - | 33 |
| Paxton | - | - | - | - | 37 | 37 |
| Peabody | 133 | - | 9 | - | - | 142 |
| Pembroke | 30 | - | - | - | - | 30 |
| Fepperell | 1 | - | 3 | - | - | 4 |
| Pittsfield | 18 | - | - | 27 | - | 45 |
| Plainville | 4 | - | - | - | - | 4 |
| Plymouth | 16 | - | - | - | - | 16 |
| Plympton | 2 | - | - | - | - | 2 |
| Quincy | 366 | - | 6 | - | - | 372 |
| Randolph | 36 | - | - | - | - | 36 |
| Raynham | 7 | 9 | - | - | - | 16 |
| Reading | 48 | - | 1 | - | - | 49 |
| Rehoboth | 1 | 3 | - | - | - | 4 |
| Revere | 190 | 2 | 2 | - | - | 194 |
| Rochester | 1 | - | - | - | - | 1 |

| DATE | DESCRIPTION | AMOUNT | BALANCE | REMARKS |
|-------|-------------|--------|---------|---------|
| 1/1 | Balance | | 100.00 | |
| 1/2 | ... | ... | ... | ... |
| 1/3 | ... | ... | ... | ... |
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| | BOSTON | FALL
RIVER | LAWRENCE | SPRING-
FIELD | WORCESTER | TOTAL |
|--------------|--------|---------------|----------|------------------|-----------|-------|
| Rockland | 21 | - | - | - | - | 21 |
| Rockport | 1 | - | - | - | - | 1 |
| Russell | - | - | - | 3 | - | 3 |
| Rutland | - | - | - | - | 30 | 30 |
| Salem | 108 | - | 8 | - | - | 116 |
| Salisbury | - | - | 8 | - | - | 8 |
| Sandwich | 1 | - | - | - | - | 1 |
| Saugus | 68 | - | - | - | - | 68 |
| Scituate | 73 | - | - | - | - | 73 |
| Seekonk | - | 4 | - | - | - | 4 |
| Sharon | 17 | - | - | - | - | 17 |
| Sherborn | 5 | - | - | - | - | 5 |
| Shirley | 3 | - | - | - | 1 | 4 |
| Shrewsbury | 1 | - | - | - | 214 | 215 |
| Somerset | 2 | 115 | - | - | - | 117 |
| Somerville | 787 | - | - | - | - | 787 |
| South Hadley | - | - | - | 43 | - | 43 |
| Southampton | - | - | - | 9 | - | 9 |
| Southborough | - | - | - | - | 1 | 1 |
| Southbridge | 7 | - | - | - | 122 | 129 |
| Southwick | - | - | - | 17 | - | 17 |
| Spencer | 9 | - | - | - | 53 | 62 |
| Springfield | 10 | - | 2 | 1,944 | 7 | 1,963 |
| Stockbridge | - | - | - | 1 | - | 1 |
| Stoneham | 59 | - | - | - | - | 59 |
| Stoughton | 45 | 3 | 1 | - | - | 49 |
| Stow | 2 | - | - | - | - | 2 |
| Sturbridge | - | - | - | - | 15 | 15 |
| Sudbury | 15 | - | - | - | - | 15 |
| Sutton | - | - | - | - | 14 | 14 |
| Swampscott | 37 | - | - | - | - | 37 |
| Swansea | 2 | 75 | - | - | - | 77 |
| Taunton | 30 | 80 | - | - | - | 110 |
| Templeton | - | - | - | - | 2 | 2 |
| Tewksbury | 19 | - | 19 | - | - | 38 |
| Topsfield | 2 | - | - | - | - | 2 |
| Tyngsborough | - | - | 13 | - | - | 13 |
| Upton | - | - | - | - | 2 | 2 |
| Uxbridge | 3 | - | - | - | 33 | 36 |
| Wakefield | 49 | - | 5 | - | - | 54 |
| Wales | - | - | - | - | 1 | 1 |
| Walpole | 40 | - | 5 | - | - | 45 |
| Waltham | 435 | - | 1 | - | 9 | 445 |
| Ware | - | - | - | 25 | - | 25 |
| Wareham | 11 | 3 | - | - | - | 14 |

| | BOSTON | FALL
RIVER | LAWRENCE | SPRING-
FIELD | WORCESTER | TOTAL |
|------------------|--------|---------------|----------|------------------|-----------|--------|
| Warren | 1 | - | - | - | 5 | 6 |
| Watertown | 463 | - | 13 | - | - | 476 |
| Wayland | 61 | - | - | - | - | 61 |
| Webster | 9 | - | - | - | 143 | 152 |
| Wellesley | 135 | - | - | - | - | 135 |
| Wellfleet | 9 | - | - | - | - | 9 |
| Wenham | 1 | - | - | - | - | 1 |
| West Boylston | - | - | - | - | 58 | 58 |
| West Bridgewater | 25 | - | - | - | - | 25 |
| West Brookfield | - | - | - | - | 15 | 15 |
| West Springfield | - | - | - | 100 | - | 100 |
| Westborough | 1 | - | - | - | 34 | 35 |
| Westfield | - | - | - | 75 | - | 75 |
| Westford | 9 | - | 13 | - | - | 22 |
| Westminster | - | - | - | - | 1 | 1 |
| Weston | 44 | - | - | - | 1 | 45 |
| Westport | - | 30 | - | - | - | 30 |
| Westwood | 10 | - | - | - | - | 10 |
| Weymouth | 64 | - | - | - | - | 64 |
| Whately | - | - | - | 1 | - | 1 |
| Whitman | 2 | - | - | - | - | 2 |
| Wilbraham | 1 | - | - | 19 | - | 20 |
| Williamstown | 1 | - | - | 7 | - | 8 |
| Wilmington | 29 | - | 1 | - | - | 30 |
| Winchendon | - | - | - | - | 1 | 1 |
| Winchester | 76 | - | 1 | - | - | 77 |
| Winthrop | 46 | - | - | - | - | 46 |
| Woburn | 96 | - | - | - | - | 96 |
| Worcester | 31 | - | - | 1 | 3,232 | 3,264 |
| Wrentham | 9 | - | - | - | - | 9 |
| Yarmouth | 6 | 2 | - | 1 | - | 9 |
| Out of State | 377 | - | 138 | 53 | 14 | 582 |
| TOTAL | 23,615 | 4,178 | 5,838 | 3,697 | 5,332 | 42,660 |

THE COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF EDUCATION

DIVISION OF THE BLIND

ANNUAL REPORT

1965

JOHN F. MUNGOVAN

DIRECTOR

THE COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF EDUCATION

Owen B. Kiernan, Commissioner

DIVISION OF THE BLIND

John F. Mungovan, Director

ADVISORY BOARDTerm Expires

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|------|----------------------------------|
| 1967 | Gregory Khachadoorian, Arlington |
| 1966 | Edward J. Waterhouse, Watertown |
| 1965 | George Alivesos, Boston |
| 1969 | Dace Moore, Braintree |
| 1969 | Nathan L. Shapiro, Randolph |

MEDICAL ADVISORY COMMITTEE

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 Dr. Virgil G. Casten, Boston
 Dr. Francis D'Ambrosio, Boston
 Dr. Frederick L. Landrigan, Boston
 Dr. John A. McGowan, Jr., Boston
 Dr. James J. Regan, Boston
 Dr. Earl S. Seale, Boston
 Dr. Albert M. Sloane, Boston
 Janet L. Gorton, Secretary

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Mary F. Callero, Supervisor, Home Teachers
 George T. Curtin, Supervisor, Individual Services
 Edward F. Durgin, Supervisor, Industries
 Ethel M. Fredrick, Supervisor, Adults
 Christine A. McLaughlin, Supervisor, Medical Care
 Frederick D. Greehan, Supervisor, Vocational Rehabilitation
 Mary E. McLaughlin, Supervisor, Children
 Michael L. Sullivan, Supervisor, Research
 Thomas G. O'Donnell, Supervisor, In-Service Training

SUMMARY

This was the year in which President Lyndon B. Johnson declared war on poverty by mounting an all-out attack on America's most virulent domestic enemy. The President called for the total social, political, educational, and economic enfranchisement of all Americans, stressing the vital importance of a sound state of health, education, and welfare for the American people as being the country's most treasured assets. On the local level, the ferment of urban renewal activities in Boston, the question of racial imbalance in the Boston and Springfield school systems, the report of the Massachusetts Crime Commission, and finally the Harrington-Willis Education Study Commission Report all combined to provide a lively year in the affairs of local government and social welfare.

In the area of services and programs for the blind, the year was marked by innovation, activity, and, to a degree, controversy. An unexpected epidemic of German Measles was a serious source of concern among people engaged in work with the blind. Due to the epidemic, it was feared that the rate of incidence of blindness in small children might reverse its downward trend. Happily, no evidence to that fact has as yet been brought to light to substantiate this fear and there are no existing statistics to indicate any widespread prevalence of blindness and deafness due to Rubella. /1

During the past year, the Catholic Guild for All the Blind closed its residential home for the aging blind at St. Raphael's in Newton and converted the premises into a Rehabilitation Center for the aging blind. The center provides adjustment and mobility training aimed at lightening the daily burdens of aging blind persons. This new service for blind persons is being so enthusiastically received that, at the time of this writing, there is a list of persons waiting to enter St. Raphael's for training. The Women's Educational and Industrial Union, a local organization with a long history of work with the blind, is cooperating with the Division in helping older blind persons who wish to live in private homes, find suitable locations at which to reside. The Union was a driving force behind the creation of the Commission for the Blind which was inaugurated in 1906 and is a direct precursor of the present Division of the Blind.

An event worthy of note was the rising up of agencies for the blind and particularly blind persons themselves, through the Associated Blind of Massachusetts, to protest the prevalence of begging by blind persons on the streets of Boston. This concerted protest to the begging was aired over local radio stations during "talk programs" and resulted in the Boston Police Department taking a more militant stand on the problem and the assignment of a detective specializing in this area of police work with instructions to coordinate his work with the Division of the Blind. As the year came to a close, the prevalence of begging on the streets of Boston has significantly decreased.

In the highly sensitive area of fund-raising for the blind, much discussion was spawned as a result of a promotional campaign embarked upon by the American Foundation for the Blind for the purpose of raising funds for the benefit of the blind. The fund-raising drive was organized and put into operation without prior consultation with agencies engaged in work with the blind in Massachusetts. The drive, using as a slogan, The Donna Fund, was tied to a week-long promotion over one of the local radio stations. The central focus of the operation was an attractive and personable young blind girl, named Donna. The American Foundation

for the Blind exploiting the emotional tones of the promotion, flooded the metropolitan area of Boston with an appeal letter containing all the sympathy-provoking phrases that could be mustered into one letter. The appeal letter was signed by a local professional baseball player, who had recently become known to radio circles through the release of a teenage lament record.

The agencies for the blind in the Commonwealth gave official notice of their opposition to this type of sympathy appeal to the American Foundation for the Blind by informing the national organization in writing to that effect. Ignoring this protest, the Foundation, in fact, expressed its intention of continuing the fund-raising drive, the objections of the local agencies notwithstanding. At this juncture, the Advisory Board of the Division of the Blind voted to request the office of the Attorney-General to hand down an opinion as to whether the American Foundation for the Blind was in violation of the Massachusetts fund-raising for the blind statute ¹/₂ since it had failed to make application to the Division of the Blind for a license to raise funds. The question raised was, did the American Foundation for the Blind violate the terms of this statute in raising funds within the Commonwealth without first obtaining a license from the Division of the Blind. The Attorney-General in rendering his opinion clearly indicated that the American Foundation for the Blind in this instance, did come within the purview of the licensing statute and that the conduct by the Foundation of the Donna Fund Appeal was in fact operating in violation of the law in that the enterprise was not licensed by the Division of the Blind.

In a direct cause and effect relationship, this controversy saw a division of opinion arise among the several state agencies serving the blind; the Boston Aid to the Blind, the Massachusetts Association for the Adult Blind, and Perkins School for the Blind lined up on the side of the American Foundation in support of the unlicensed fund-raising, notwithstanding their earlier expression of disapproval of this fund appeal. The Protestant Guild for the Blind assumed a posture of neutrality in the controversy, while the Catholic Guild for All the Blind, the Division of the Blind, and the Associated Blind of Massachusetts registered violent objections to this type of emotionally-charged fund raising, which, in order to serve its purposes, holds up blind persons as objects of pity and pillars of helplessness. This unfortunate occurrence had serious consequences in terms of the good relationship among the agencies for the blind, which, up to this point, were notable for their close cooperation in preventing overlapping, duplication, and undue competition which are conditions frequently found in inter-agency relations in other parts of the country. It is hoped that the divided agencies will, once again, join forces and restore that spirit of mutual cooperation with but one purpose in mind, that of providing the best services for blind persons in the state in the most dignified manner possible.

STAFF

Inordinate complexities in the processing of personnel papers by the Division of Civil Service and the Commission on Administration and Finance have served materially to hamper the Division's efforts towards maintaining a full staff complement. Long periods of time are permitted to elapse between the application for and the approval of Division staff replacements both professional and clerical. This situation results in long periods of under-staffing through un-filled positions and wreaks havoc with the need to carry out normal agency functions. Only the extraordinary dedication to duty and the professional responsibility of the present staff has permitted the agency to meet the ever-increasing demands for services to blind people and to carry out its administrative responsibilities.

¹/₂ Section 25A,B,C,D,E of Chapter 69, Mass. General Laws

A "Morning Report" system, introduced by the new Commissioner of Administration and Finance, is designed to record absences and tardiness of employees on a weekly basis. The morning report contains data on man-days of absences, tardiness, the number of persons present for duty, the number of positions filled, and the number of vacancies existing. These reports, completed by authorized persons, are transmitted to a tabulating center on Mark Sensing Hollerith Cards for processing analysis.

On June 7th of this year, a Mr. Moore, an industrialist, and a Mr. Saltonstall, a banker, both members of a Citizen Task Force, visited the Division to discuss agency operations. The two gentlemen spent several hours with the Director, discussing services and programs, staffing, and the Division budget together with related problems. The Citizen Task Force is an investigatory unit created by Governor Volpe to examine the efficiency of state department operations and to make recommendations for improvements when warranted. As of this date, no report of the conference has been received by the Director. A system of Quality Control in Aid to the Blind eligibility and case work services has been instituted and is functioning rather smoothly. It has already been successful enough to indicate several areas of uncertainty in the part of staff in Aid to the Blind policy so that the Division In-Service Training Supervisor was able immediately to focus in-service training in those areas of policy which need clarification and reinforcement.

Much interest was evoked throughout the state by the enactment by the legislature and the signing into law by Governor Volpe of a bill to require minimum educational requirements for social work staff administering public assistance programs of which our program of Aid to the Blind is one. This new statute will do much to increase the quality of services to recipients of public assistance throughout the state and it represents a most positive step towards achieving the goal of service to public assistance recipients enunciated by President Kennedy in his 1962 amendments to the Social Security Act. /3

ADMINISTRATIVE

The microfilming of closed records and a system under which closed records of future years will be microfilmed was established by the Division. All records up to and including 1962 have already been microfilmed. At the same time a retrieval system has been introduced whereby the use of Hollerith Cards and a computer tape, the index to closed records may be up-dated each year. This is a modern system of record-keeping which uses a computer to interfile and up-date the index book each year.

VOCATIONAL REHABILITATION

This was a most significant year in the history of the Bureau of Rehabilitation. For the first time since the inception of the Vocational Rehabilitation Bureau as a unit in the Division of the Blind, the total number of blind and visually handicapped persons rehabilitated, retrained and placed in gainful employment exceeded the one hundred mark. The true value of this outstanding accomplishment can be truly appreciated only if one realizes the seriousness of the increasing encroachment of automation and cybernetics on normal employment opportunities.

LEGISLATION

The current session of the Massachusetts Legislature has had under consideration several petitions dealing with provisions for the expansion and improvement of services and programs for blind and visually handicapped residents of the Commonwealth. Enacted by the legislature and signed into law by the Governor was a bill providing legal safeguards needed to prevent discrimination against otherwise qualified blind persons who apply for teaching positions in state colleges and at the state university.^{/4} Presently under deliberation by the House Committee on Ways and Means is a bill which provides for a more comprehensive defining of the words and phrases and for a substantial broadening of the provisions contained in the existing statute authorizing the placing of vending stands operated by blind persons in public buildings and on public property. This bill has already received approval from the Joint Legislative Committee on Public Welfare. It had previously been submitted as part of the Division Annual Report for 1964. ^{/5}

The Associated Blind of Massachusetts, through its legislative agent, Mr. Charles Little, filed a petition to authorize an increase in the item in the budget of recipients of Aid to the Blind known as "Incidental Expenses Arising from Blindness" from the present \$4.00 per month to \$6.00 per month. The bill which received prior approval from the Joint Committee on Public Welfare is now under consideration by the House Committee on Ways and Means. ^{/6}

CERTIFICATES OF BLINDNESS

A total of 2,043 certificates of blindness were issued by the Division during the past fiscal year. Of this total, 838 were requested to support applications for exemption of real estate taxes; 945 for state and federal income tax exemptions with 260 being requested for miscellaneous purposes.

AID TO THE BLIND

Aid to the Blind is a program of public assistance governed by Title 10 of the Social Security Act and Section 23, Chapter 69 of the Massachusetts General Laws. This assistance is based upon need of the blind individual. It is not a compensation for the lack of vision. During the fiscal year 1965, 2784 different individuals received assistance for all or part of the year. On June 30, 1965 there were 2216 persons in receipt of Aid to the Blind. Added to the rolls during the year were 226 individuals, while 367 persons were dropped from the rolls because of death, and 201 persons were dropped from the rolls for other reasons.

A total of 466 persons applied for Aid to the Blind during the year, and of these 466 applicants, 372 were accepted and approved for grants of assistance. The 94 persons who were denied assistance or withdrew applications were those who misunderstood the program and thought it was a compensation for loss of vision benefit, those whose vision was greater than "legal" blindness, and those whose income or bank accounts exceeded the income and reserve amounts permitted under Aid to the Blind regulations.

^{/4} Chapter 132 of the Acts of 1965
^{/5} House No. 2218
^{/6} House No. 2219

Great efforts were made to reduce paper and desk work of Aid to the Blind case workers so that they could devote more time to services to clients. For example, we established a practice that all recipients who are patients in nursing homes would become service clients and consequently arranged to visit them at least once every three months to check on their needs and their progress in the nursing home. We spent considerable time working out an arrangement with St. Raphael's Rehabilitation Center for the Aging Blind and the Women's Educational and Industrial Union whereby we could find housing arrangements for elderly blind people who with the help of the Division's social case work staff and rehabilitation center training could move out of nursing homes and other institutional arrangements and into more active places in the community where their care would be less costly and in which they would be enabled to live more independently.

The cost of Aid to the Blind increased during the year despite a rather small increase in the number of recipients. This increase was due mostly to the increase in the cost of hospital care, nursing home care, the visiting nurse care, and other medical services to recipients.

A system of Quality Control of case actions in Aid to the Blind resulted in a recheck of eligibility determination and the services provided to a scientifically selected sample of applicants and recipients of Aid to the Blind whose aid was denied, discontinued or who were granted Aid during the year. A sample of 55 positive actions was selected and a sample of 65 negative actions was selected to be studied. In each positive action, a desk review was made by the Supervisor of Individual Services and the recipient was also visited in his home. In negative action samples, an office review was made. There were no negative actions of the type which indicated the need for a home visit. During the next year, the sample is to be doubled and in the case of negative actions the sample is to be selected from all negative actions other than closings due to death of the recipient. This will mean that all negative actions will be included in Quality Control, since the closings by death amount to 70 percent of cases closed in the 12 months ending June 30, 1965. The Quality Control system has not revealed the need for any major policy or systems change, but it has been a useful tool to indicate the areas which need emphasis in our in-service training program. In-service training, Quality Control, and case work supervision have coordinated remarkably well towards a more efficient administration of Aid to the Blind which becomes increasingly sensitive to the needs of blind people.

TALKING BOOK PROGRAM

The Talking Book Program is now in its 31st year of service to blind persons. The program is conducted under the jurisdiction of the United States Government, the Library of Congress. The record players, or Talking Book Machines, are provided under lease to legally blind persons by the Library of Congress through the Division of the Blind. The Talking Books, or long-playing records, are maintained in the local regional library located at Watertown, Massachusetts. This service is available to any resident of Massachusetts who has been certified as legally blind by an eye physician and is so registered with the Division of the Blind. The Talking Book reader will find the choice of available books to be extensive. There are more than three thousand different titles, ranging from standard fiction to the classics and the Bible. "Talking Book Topics" published

bimonthly keeps the blind reader advised about new books ready for him. During the past year 468 new readers were introduced to this popular service. In our efforts to provide maximum service to the readers 210 machines found to be outmoded or in a state of serious disrepair were replaced with new ones. Permanent removal of 329 machines was completed because the readers had moved out of the state, had vision restored, had died, or for some other reason did not need the Talking Book Machine any longer. The inventory of Talking Book Machines on hand or in use on June 30, 1965 numbered 2680. The Library of Congress is constantly trying to improve the Talking Book services for blind persons and is trying to devise ways of producing lighter or less bulky mass of records on which to record the book and have now started to record some books on 8 1/3 speed in addition to the recordings of 33 1/3 and 16 2/3 speeds. The Library of Congress is also experimenting with compressed speech so that in the future it might be able to make reading by sound methods faster for blind persons. The regional library for the storage and distribution of the Talking Book records for Massachusetts had a certain degree of disruption of services due to extensive repair work and renovations to the building with the consequent suspension of telephone services for a period of time. We still continue to be helped by the Telephone Pioneers in repairing and servicing Talking Book Machines which are in need of repair. All machines in use now are at least two speeds, that is, 33 1/3 and 16 2/3 machines, so that this type of machine is now available to every person. Very few machines are available which will play at a speed of 8 1/3 and these are available largely to children in school.

STAFF DEVELOPMENT

During the last year, in-service training was provided for all newly appointed staff members. Orientation programs were arranged for new social workers, social work trainees, and clerical staff. The programs included general knowledge as to the Division's purpose, policies, and philosophy. In addition, the groups were oriented to their respective roles and functions within the structure of the Division.

Training, of an on-going nature, for experienced workers, was held during the year on a semi-monthly basis. For this purpose, each worker was assigned to one of three smaller groups, depending upon education and experience. The Fall Series of meetings focused on the Aid to the Blind Manual, with particular emphasis on: recent changes in policy; a general review of standards of assistance; and the use of the manual as a positive casework tool in helping clients cope with their financial problems. The Winter Series centered on the development and use of the initial social study, in terms of: appropriate and meaningful content; formulation of a sound diagnosis of the problems; and lastly, the setting of realistic goals in helping clients. The Spring Series was directed toward the multiple needs of older clients. Emphasis was placed upon: assessment of the older person's total needs; the evaluation of current living arrangements in view of their needs; and referral to an appropriate source for rehabilitation, if indicated. This last series developed as a result of three forces, namely, the fact that over 50 percent of our clientele are 60 or over; the establishment in the community of a new rehabilitation center for older blind persons; and the initiating of a project by a private agency geared toward finding suitable private homes for blind individuals, the majority of whom would be in the older age bracket.

In March, seven staff members attended a one week institute at Boston University for further study on Cultural Factors Affecting Poverty.

In June, Mr. David Botelho returned to the Division from educational leave. He received his Master's Degree in Social Work and will return to his position in the Cape Cod Area.

At the present time, Miss Carol Klein is on leave of absence and completing her work toward a Master's Degree in Social Work.

BUREAU OF INDUSTRIES

The Division maintains and operates special workshops in six of the larger cities of the Commonwealth, providing gainful employment for some 140 blind persons. These shops, four for men and two employing women, are engaged in the manufacture of several varieties of brooms, wet and dry mops, rubber mats, pillowcases and hand-woven products. Chair-caning and re-seating service as well as re-stringing and repair of tennis raquets are also offered. Recently, considerable emphasis has been placed on the procuring of sub-contracts in assembly work.

The blind persons employed in these special workshops found to be unable to compete successfully in the labor market are thus provided with an opportunity to become self-supporting members of the community.

The following report indicates receipts derived from workshop production during the past fiscal year together with comparable figures from the previous year.

| Shop | 1963-64 | 1964-65 | Differential |
|-------------|--------------|--------------|---------------|
| Total Sales | \$244,199.94 | \$240,151.51 | (\$4,048.43)* |
| Cambridge | 199,789.57 | 195,665.33 | (4,124.24) |
| Fall River | 10,316.97 | 10,654.34 | 337.37 |
| Lowell | 6,597.39 | 6,503.22 | (88.17) |
| Pittsfield | 12,432.84 | 12,362.80 | (69.84) |
| Worcester | 4,066.20 | 4,848.35 | 82.15 |
| Springfield | 10,963.17 | 10,117.47 | (845.70) |

* Figures in parentheses indicate decrease in receipts.

CHILDREN'S SERVICES

The Children's Services for the year enjoyed the full quota of workers, one Supervisor, three Social Workers, and one Pre-School Counselor for part of the year. Miss Roswitha Micou, who had joined the staff of the Division of the Blind as a Social Worker in October 1963, left the services of the Commonwealth in February 1965 in order to enter graduate school of social work. Thus for the remainder of the year, the Children's Services were short one social worker, since she had not been replaced up to the end of the year.

During the year, there have been several adolescent youngsters who had suddenly suffered a drastic loss of vision. This sudden loss created such a trauma to the emotional and personality adjustment of these young people that intensive casework had to be provided for them. In addition, a substantial amount of counseling, to both parents and to the local schools, was required in order to help the newly blinded adolescent to adjust to the new school situation.

There was substantial interest in observing the number of children who were reported during the year having Congenital Cataracts due to Rubella. This interest was created by the recent epidemic of German Measles. Eight children with Congenital Cataracts due to Rubella, were reported during the year, a somewhat smaller figure than some people had anticipated.

In June, members of the Children's staff participated in a panel in connection with the Boston University Institute for Teachers for Visually Handicapped Children. This institute was conducted under joint sponsorship of the Massachusetts Society for the Prevention of Blindness, the National Society for the Prevention of Blindness, and Boston University. Miss Mary McLaughlin, Supervisor of Children's Services, shared the panel. Mrs. Ellis, the Pre-School Counselor and Mrs. Davidson, Social Worker in the Children's Services Bureau, together with Mr. Robert Scott, Vocational Rehabilitation Counselor, and Mr. Mungovan, the Director, provided a seminar for an entire afternoon during this institute. The response to the seminar was very favorable.

In October 1964 the Girl Scout organization had become interested in creating in the Girl Scouts an awareness of the problems of young blind people and the possibilities of community services in helping young blind people. To this end, Mrs. Ellis, our Pre-School Counselor, met with groups from three of the Girl Scout Councils and described to them the number of young blind children, certain problems that young blind children had, how the Girl Scouts might be of service to them. The girls wanted to do something constructive and educational for the benefit of blind children. In these talks, Mrs. Ellis instructed the leaders on how to make boxes of assorted objects, alphabet books, things that match, rhyming objects, those that pertain to nature, numbers concept books, and factual story books. These are very helpful in preparing blind children for group experience, learning to read, and in teaching them to become more fully aware of the world around them, which is beyond the tips of their fingers. Some of the Girl Scouts are in the process of making "Touch and See", the reading readiness book for blind children. Because a number of deaf-blind, pre-school children were referred to us, Mrs. Wagner of the American Foundation for the Blind, came to Boston and visited some of the children with Mrs. Ellis. She gave suggestions in handling these children. Mrs. Ellis also visited the deaf-blind department of the Perkins School for the Blind to observe children in the program of instruction there, in order to help her to be of help to the parents of deaf-blind children who were at home.

Two of the social workers attended the Institute for Employed Social Workers at the Boston University School of Social Work in March. Miss Catherine W. Williams continued her splendid voluntary reading of text books on recording machines. These recordings are sent over to the Cambridge Workshop and transcribed into Braille by Mr. Lloyd McLaughlin, for the use of public school children. During the year, Miss Williams also transcribed a Bible study course and Manual of Services for the use of members of the congregation of a church in Roxbury.

The greatest single cause of blindness in 774 school age children in the Commonwealth was Retrolental Fibroplasia, which accounted for 301 of the 774 school age children. Congenital Cataracts was the cause of blindness in 84 instances with Optic Nerve Atrophy accounting for 81; Nystagmus 56; Albinism 47; Myopia 39. All other causes of blindness in school age children were fairly well scattered with no particular grouping. ¹

The 774 are children of school age and were located as follows: 169 were in the residential school for the blind (Perkins); 328 were in regular community schools throughout the State; and 162 were resident in schools for the mentally retarded. The remainder were in a variety of living and school arrangements. ² There were 120 children of pre-school age on the Massachusetts Register in June of this year, and of these 120 pre-school children, 24 were blind because of Optic Nerve Atrophy; 18 because of Congenital Cataracts; 14 Retrolental Fibroplasia; and the rest were blind because of various affections. ³ Eighty-two children were added to the Register of the Blind this year. The causes of blindness in these newly registered blind children were as follows: Congenital Cataracts 18, of which 8 were reported as caused by Rubella; 11 Optic Nerve Atrophy, 3 of which were reported to have been caused by brain tumor; Nystagmus 11; Albinism 9; Iridia 5; Hydrophthalmos (Congenital Glaucoma) 4; Retrolental Fibroplasia 3; and the other for scattered affections. There were a few less children in Perkins School for the Blind this year, 169 compared with 176 of last year; and a few more in the community schools, 338 compared to 328 of last year; and a few less in the schools for the retarded (State) 162 this year compered to 167 of last year. ⁴

It is hoped that we will have success in recruiting a competent case worker to replace Miss Micou.

HOME TEACHING

During the past year we have been fortunate to have all ten home teaching positions filled. All ten Home Teachers have been certified as qualified Home Teachers by the American Association of Workers for the Blind.

In this period, two Home Teachers attended the national meeting of the American Association of Workers for the Blind. Four Home Teachers and the Supervisor attended the Eastern Conference of Home Teachers held in New York City in October of 1964. Three of the Home Teachers participated in the program of the Conference and the Supervisor is Treasurer of the organization. The Supervisor of Home Teachers attended two meetings of the Committee of Supervisor of Home

¹ Table 7, Appendix A
² Table 8, Appendix A

³ Table 10, Appendix A
⁴ Table 13, Appendix A

Teachers on the Eastern Seaboard and two meetings of the Executive Board of the Eastern Conference of Home Teachers. Two Home Teachers availed themselves of a course offered at Boston University School of Social Work in the spring of this year. As in past years, we had weekly in-service training meetings during the summer months when case loads drop off. Monthly meetings were held during the winter months.

In all, the Home Teachers visited about 1400 individuals during the past year. Most of the individuals were visited several times throughout the year with a regular planned educational goal. Several, however, were visited only once to explain the Division services. At this time most individuals registered within the fiscal year are contacted by Home Teachers and offered a visit to explain our services. In some instances this explanation is done on the telephone and the person says that he does not need a visit. Many of the newly registered persons, however, do prefer to have a visit from a teacher who will then explain our services fully. In many instances this leads to follow-up visits and a regular teaching plan. Persons were visited in a wide variety of environmental settings. Some persons were visited in their own homes, in nursing homes, in hospitals, state prisons, offices, and other places of employment.

Many other persons received lessons at the Division offices to give them a goal towards which to travel in an effort to help maintain their mobility. Mostly the Home Teachers work with adults from age 18 to the nineties. During the summer months, however, some high school students have been seen for help with Braille prior to the coming school year.

Persons visited can roughly be divided into four groups, for the most part: (1) Newly registered individuals who just want a personal contact with the office and have the various services described so they can choose one or more services now or later. (2) Elderly persons who have attained their maximum level of adjustment but feel the need of an occasional contact with someone from this office so that they will be assured of our continued interest in their welfare, and brought up to date on services currently available from the Division. (3) Persons of all ages who are primarily interested in help with leisure time activities (handcrafts, minimum Braille instruction to enable them to play cards, etc. and introduction to various social activities in their communities.) (4) Individuals who are newly blind and require case work service to help them in their adjustment within their own homes and immediate environment. These are individuals who, while not employable by reason of age or other disability, can be helped to lead a fuller and much more independent life by learning to move more freely about their homes, by being helped to take care of their personal needs, and by being shown how to help with household chores including cooking. (5) Newly blind adults who can reasonably be assumed to be employable. It is this group that requires the greatest proportion of the Home Teacher's time although it does not represent the largest percentage of the case load. The Home Teacher and the Rehabilitation Counselor work closely with these individuals. In some instances, the Home Teacher carries the major responsibility initially and then refers the individual to the Rehabilitation Counselor when he is adjusted to the point where he can participate in a work plan. In other cases the Rehabilitation Counselor refers the individual to the Home Teacher for specialized help in a particular area to help the person continue on the job or to equip him to handle a new job.

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the second is the fact that the...
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the twentieth is the fact that the...

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Some individuals are visited twice weekly, some weekly, some every two weeks, and some monthly, depending upon their needs and goals. They are given instructions in Braille, handicrafts, techniques of daily living, grooming, script writing, communications skills, etc. Some are visited for a period of several months and some for a period of several years depending upon their needs and rate or progress.

VOCATIONAL REHABILITATION BUREAU

The Vocational Rehabilitation Bureau completed its thirteenth full year on June 30, 1965, with a professional staff of nine persons; the supervisor, and eight counselors. Five counselors do general counseling and placement work; two counselors work on the development of our vending stand program; and one counselor concentrates on the day-to-day operation of the vending stands.

As a definition, we may say that Vocational Rehabilitation is a service designed to develop, preserve or restore the ability of blind men and women to work for pay. In this program, no blind person is considered rehabilitated until he has been placed in suitable employment for at least thirty days on a job which appears to be permanent. Usually, rehabilitation involves successful placement in paid employment but, in some cases, it may involve the ability to perform the important job of home making. The services which are provided under this program are geared to the specific needs of the individual, with due regard to the nature of his disability, his interests and aptitudes and vocational goals. Services are given to individuals who are at least fourteen years of age and who have a reasonable chance of being employed after services are given. There are nine services in all: (1) medical diagnostic services; (2) individual counseling and guidance, including psychological testing, to help select the right job; (3) medical, surgical, psychiatric and hospital service; (4) artificial limbs and other prosthetic appliances; (5) training; (6) maintenance and transportation; (7) tools, equipment, or licenses; (8) job placement; (9) job follow-up.

Following are statistics which give a brief picture of the work done during the year:

A. Referrals:

1. On hand July 1 103
2. New during the year 211
3. Total referrals remaining at
end of period 90

B. Active Cases:

1. Active cases on hand July 1 357
2. Accepted for service during 158
the year
3. Total active cases remaining
at end of the period 379

C. Clients Rehabilitated:

- Cases closed rehabilitated (as compared
with 85 in fiscal 1964) 103

The Bureau showed an increase of 20% in rehabilitations over 1964 and achieved the goal of 100 or more rehabilitations for the first time in its history.

Fifty-six clients were training in college during the year under our Vocational Rehabilitation program, ten of these in graduate training and forty-six in undergraduate schools. Last year, we had forty-five college clients and we anticipate that we will have over sixty next year. During the year, eight clients who had completed their college training found employment in line with their major objectives. All blind persons who are interested in attending college submit applications which are reviewed by the College Advisory Board of the Division. Under the college program sponsored by the Division, undergraduate students are expected to attend a college within the state.

Following is a list of the thirty colleges attended by our blind students and the number of students in each college:

| <u>College</u> | <u>Number of Students</u> |
|-----------------------------|---------------------------|
| American International | 5 |
| Amherst | 1 |
| Babson | 1 |
| Boston College | 3 |
| Boston University | 11 |
| Brandeis | 2 |
| Bridgeport | 1 |
| Brown | 2 |
| Clark | 2 |
| Columbia | 1 |
| Eastern Nazarene | 1 |
| Harvard | 4 |
| Holy Cross | 2 |
| Lasell Junior College | 1 |
| Lowell State College | 1 |
| Merrimack | 1 |
| Mt. Ida Junior College | 1 |
| Newton Junior College | 2 |
| Princeton | 1 |
| Radcliffe | 1 |
| Regis | 1 |
| St. Anselm's | 1 |
| Springfield | 2 |
| Stanford | 1 |
| Stonehill | 1 |
| Suffolk | 2 |
| Tufts | 1 |
| University of Pittsburgh | 1 |
| University of Massachusetts | 1 |
| Williams | 1 |

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Below is a listing of the sixteen vocational objectives of those clients who were in college during the past year and the number interested in each objective:

| <u>Objective</u> | <u>Number</u> |
|--------------------------|---------------|
| Business Major | 1 |
| Dairy Management Major | 1 |
| Economist | 1 |
| Guidance Counselor | 3 |
| Insurance Sales | 1 |
| Lawyer | 5 |
| Mathematician | 2 |
| Music Education | 3 |
| Physicist | 3 |
| Programmer | 1 |
| Psychologist | 6 |
| Public Relations Worker | 1 |
| Recreation Group Leader | 1 |
| Rehabilitation Counselor | 1 |
| Social Worker | 3 |
| Teacher | 23 |

During the year, we opened three new vending stands -- an outside snack bar serving the public in the Municipal Parking Lot next to the City Hall in New Bedford, a snack bar serving the patients and employees at the Soldiers Home in Wolyoke, and a cafeteria for employees of the Stacy Shoe Company in Brockton. We will open three additional stands within the first six months of next year -- a cafeteria for employees of an industrial plant in Waltham, a snack bar stand in a county building in Boston, and a cafeteria for employees of an industrial plant in Weymouth. At the close of the year we had thirty-five vending stands in the state. Stand operators averaged \$5,475.00 in their earnings, as compared with their 1964 average earnings of \$5,091.00, an increase of \$384.00. Under our vending stand system, each stand is established with the operator as an independent business man who receives advice and consultation from the Division staff as needed. When new stands are opened, such job vacancies are given to existing operators who are interested on the basis of ability and seniority.

Needs of the Program

1. A new Federal rehabilitation law is due to be enacted early in the next year. Such a law would aim at a great increase in the number of clients rehabilitated. In order to build an increased number of rehabilitants, it would be necessary to re-construct the Vocational Rehabilitation Bureau so that it would have many more supervisors, counselors, and clerical workers.
2. Continuing attention to developments of the physical restoration aspect of the program. A beginning has been made here but much more remains to be done.
3. Continuing and increased efforts to develop more industrial placement opportunities for blind people.

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DORA DONOVAN

Miss D. was self-referred to this Bureau in June 1963. At the time of the application she was a 30 year old, single girl, who lived with her parents in a one-family home. She was the youngest of five children. Her brothers and sisters had all married and established families of their own.

Miss D. had visual problems since birth. She had been legally blind for most of her life, but still retained some usable sight. During the initial interview she expressed much uncertainty about taking advantage of rehabilitation services. With the assistance of readers and the use of some large type textbooks, she had been able to graduate from a public high school. She then attempted secretarial school, but after a month or two withdrew from the course. Since that time she held three or four jobs but encountered difficulty and dissatisfaction with each.

In successive counseling sessions the various rehabilitation services were explained in detail, and attempts were made to assist Miss D. to develop a feasible vocational objective. Since she had little idea of her job interests and aptitudes, she was referred to a psychologist for testing. These results indicated clerical skill and interest and the potential to benefit from training beyond the high school level. Arrangements were made for Miss D. to attend a local business college with the employment objective of transcription typist. Personnel at the school had never worked with anyone who had a severe visual problem and although they were quite receptive to the idea, they needed help in general orientation and training techniques. This was provided and Miss D. adapted well to the school environment. She progressed nicely in the program and after about one year she completed the secretarial course. The time had arrived to locate an appropriate job opening. During the training she had a course in medical terminology and had developed interest in working in a hospital setting. The directors of local hospitals were contacted and attempts were made to sell the concept of hiring a well-trained, legally blind person as a medical transcriber. One of the hospital administrators showed considerable interest and indicated that he had a job vacancy in the medical records department. Miss D. was interviewed and subsequently hired to fill the opening. Although initially she had some difficulty with unfamiliar medical terms and with the manner in which some of the doctors dictated, she soon overcame these two problems and is now a satisfactory employee.

The rehabilitation services which brought about Miss D.'s successful placement were guidance and counseling, psychological testing, training, job finding, and follow-up.

ALBERT BAKER

Mr. B. was a forty-nine year old man who applied for help to the Rehabilitation Bureau of the Massachusetts Division of the Blind in October 1963. At this time, he was married and had five children, the oldest of which was twelve years of age. He had been out of work since 1960 and was receiving Aid to the Blind from this Division. In addition, his wife and children were receiving financial help through the A.F.D.C. Mr. B. had completed eight grades in school and took a number of evening courses through the Boston school system many years before in English and Social Studies.

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When talking with him, it was noted that he spoke in a very cultured and pleasant manner and gave evidence of possessing a good amount of potential as a rehabilitation candidate. He had been employed in the past as a waiter on a railroad for a period of ten years; a porter in a building for five years; and had operated his own restaurant for a period of nine years. He was not particularly interested in re-entering the food servicing field and instead expressed a desire to undertake training leading towards some type of machine shop work. With this purpose in mind, he was admitted to the New England Rehabilitation for Work Center, Boston, and after an evaluation and training period there, covering a span of twelve weeks, it was determined that he did possess interest and aptitude of a mechanical nature. He developed skills in light machine operations and gave an indication that he would be able to perform such operations competitively.

For a period of weeks following the completion of Mr. B.'s course at the Rehabilitation Center, efforts were made by this Bureau to secure an opening for him. This quest ended with an interview being set-up for Mr. B. at a production machine shop operation located in Boston. Mr. B. made a very favorable impression at the time of his screening interview and was told to report for work after he underwent a physical examination by the company's doctor. When it was learned by the president of this particular concern that a legally blind person with very limited vision was to be hired, he believed that such a decision should be reversed, since both he and the company doctor felt sure that an injury to Mr. B. might result. However, the plant manager insisted on Mr. B. being provided an opportunity to display his abilities and it is gratifying to report that Mr. B. has just completed his six-month period of work.

The company is very happy with the quality and production of Mr. B.'s work and has assured him of steady employment as long as work is available.

APPENDIX A

TABULAR INFORMATION

CHARACTERISTICS OF THE BLIND POPULATION AND CAUSES AND
INCIDENCE OF BLINDNESS IN MASSACHUSETTS

1847

1848

1849

1850

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TABLE 1 Blind persons on the Massachusetts Register of the Blind by age and sex on December 31, 1964.

| Age | Total | Male | Female | Percent |
|----------------|-------------|--------------|--------------|---------|
| Total | 9453 (100%) | 4320 (45.7%) | 5133 (54.3%) | 100.0 |
| Under 5 yrs. | 73 | 40 | 33 | 0.8 |
| 5 to 19 yrs. | 871 | 461 | 410 | 9.2 |
| 20 to 44 yrs. | 1367 | 778 | 589 | 14.4 |
| 45 to 64 yrs. | 2113 | 1102 | 1011 | 22.4 |
| 65 to 74 yrs. | 1754 | 747 | 1007 | 18.5 |
| 75 to 84 yrs. | 1830 | 710 | 1120 | 19.4 |
| 85 yrs. & over | 1115 | 366 | 749 | 11.8 |
| Age Unknown | 330 | 116 | 214 | 3.5 |

TABLE 2 Extent of vision of 947 persons added to the Massachusetts Register of the Blind, January 1 through December 31, 1964.

| Vision | Total | Male | Female |
|--------------------------|-------|------|--------|
| Total | 947 | 424 | 523 |
| Absolute Blindness | 53 | 23 | 30 |
| Light Perception | 68 | 33 | 35 |
| Light Projection | 11 | 5 | 6 |
| Less than 5/200 | 177 | 80 | 97 |
| 5/200 to 9/200 | 107 | 44 | 63 |
| 10/200 to 19/200 | 212 | 82 | 130 |
| 20/200 | 238 | 120 | 118 |
| Restricted Field | 55 | 27 | 28 |
| Extent of Vision Unknown | 26 | 10 | 16 |

TABLE 3 Blind persons added to the Massachusetts Register of the Blind by age and sex, January 1 through December 31, 1964.

| Age | Total | Male | Female | Percent |
|----------------|-------|-------------|-------------|---------|
| Total | 947 | 424 (44.8%) | 523 (55.2%) | 100.0 |
| Under 5 yrs. | 23 | 9 | 14 | 2.4 |
| 5 to 19 yrs. | 57 | 34 | 23 | 6.0 |
| 20 to 44 yrs. | 90 | 45 | 45 | 9.5 |
| 45 to 64 yrs. | 176 | 86 | 90 | 18.8 |
| 65 to 74 yrs. | 181 | 80 | 101 | 19.1 |
| 75 to 84 yrs. | 218 | 95 | 123 | 23.0 |
| 85 yrs. & over | 100 | 35 | 65 | 10.6 |
| Unknown | 102 | 40 | 62 | 10.6 |

Table 1. Summary of the results of the first round of the survey. The table shows the number of respondents who answered each question correctly and incorrectly. The total number of respondents is 100.

| Question | Correct | Incorrect | Total |
|------------------------------------|---------|-----------|-------|
| 1. The Earth is a sphere. | 95 | 5 | 100 |
| 2. The Earth has a magnetic field. | 90 | 10 | 100 |
| 3. The Earth has a core. | 85 | 15 | 100 |
| 4. The Earth has a crust. | 98 | 2 | 100 |
| 5. The Earth has a mantle. | 92 | 8 | 100 |

Table 2. Summary of the results of the second round of the survey. The table shows the number of respondents who answered each question correctly and incorrectly. The total number of respondents is 100.

| Question | Correct | Incorrect | Total |
|------------------------------------|---------|-----------|-------|
| 1. The Earth is a sphere. | 98 | 2 | 100 |
| 2. The Earth has a magnetic field. | 95 | 5 | 100 |
| 3. The Earth has a core. | 90 | 10 | 100 |
| 4. The Earth has a crust. | 99 | 1 | 100 |
| 5. The Earth has a mantle. | 96 | 4 | 100 |

Table 3. Summary of the results of the third round of the survey. The table shows the number of respondents who answered each question correctly and incorrectly. The total number of respondents is 100.

| Question | Correct | Incorrect | Total |
|------------------------------------|---------|-----------|-------|
| 1. The Earth is a sphere. | 99 | 1 | 100 |
| 2. The Earth has a magnetic field. | 97 | 3 | 100 |
| 3. The Earth has a core. | 93 | 7 | 100 |
| 4. The Earth has a crust. | 99 | 1 | 100 |
| 5. The Earth has a mantle. | 97 | 3 | 100 |

TABLE 4 Causes of blindness of 821* persons added to the Massachusetts Register of the Blind, January 1 through December 31, 1964.

| Cause | Total | Male | Female |
|-------------------------|-------|------|--------|
| Total | 821 | 358 | 463 |
| Glaucoma | 109 | 44 | 65 |
| Myopia | 23 | 8 | 15 |
| Keratitis | 8 | 6 | 2 |
| Cataracts | 96 | 38 | 58 |
| Uveitis | 21 | 8 | 13 |
| Retinal Degeneration | 210 | 88 | 122 |
| Retrolental Fibroplasia | 5 | 1 | 4 |
| Other Retinal Defects | 190 | 79 | 111 |
| Optic Nerve Atrophy | 47 | 28 | 19 |
| Cause Unknown | 25 | 10 | 15 |
| Other Corneal Defects | 23 | 5 | 18 |
| Other Residuals | 64 | 43 | 21 |

* Reflects only those referrals made by Ophthalmologists and EENT.

TABLE 5 Blind persons added to the Massachusetts Register of the Blind by age during the 12 months July 1, 1959 through June 30, 1960 and of those, the persons remaining active on June 30, 1961, June 30, 1962, June 30, 1963, June 30, 1964, and June 30, 1965.

| Age | Total 1960 | 1961 | 1962 | 1963 | 1964 | 1965 |
|------------------|------------|------|------|------|------|------|
| Total | 810 | 685 | 624 | 560 | 534 | 488 |
| Under 1 yr. | 5 | 0 | 0 | 0 | 0 | 0 |
| 1 to 2 yrs. | 7 | 5 | 0 | 0 | 0 | 0 |
| 2 to 3 yrs. | 5 | 5 | 4 | 0 | 0 | 0 |
| 3 to 4 yrs. | 4 | 5 | 4 | 1 | 0 | 0 |
| 4 to 5 yrs. | 1 | 3 | 6 | 9 | 2 | 1 |
| 5 to 9 yrs. | 31 | 24 | 21 | 16 | 18 | 15 |
| 10 to 14 yrs. | 19 | 22 | 20 | 27 | 27 | 22 |
| 15 to 19 yrs. | 7 | 5 | 9 | 7 | 10 | 16 |
| 20 to 24 yrs. | 9 | 9 | 8 | 8 | 7 | 6 |
| 25 to 29 yrs. | 13 | 13 | 11 | 8 | 6 | 6 |
| 30 to 34 yrs. | 13 | 12 | 12 | 12 | 9 | 10 |
| 35 to 39 yrs. | 17 | 19 | 15 | 12 | 12 | 9 |
| 40 to 44 yrs. | 15 | 14 | 13 | 14 | 17 | 16 |
| 45 to 49 yrs. | 27 | 18 | 21 | 19 | 16 | 14 |
| 50 to 54 yrs. | 32 | 32 | 31 | 25 | 21 | 20 |
| 55 to 59 yrs. | 45 | 37 | 31 | 30 | 32 | 29 |
| 60 to 64 yrs. | 64 | 53 | 44 | 35 | 28 | 29 |
| 65 to 69 yrs. | 73 | 65 | 54 | 61 | 51 | 45 |
| 70 to 74 yrs. | 97 | 71 | 64 | 45 | 46 | 43 |
| 75 to 79 yrs. | 89 | 88 | 88 | 80 | 70 | 56 |
| 80 to 84 yrs. | 101 | 77 | 68 | 60 | 61 | 58 |
| 85 to 89 yrs. | 63 | 68 | 66 | 53 | 58 | 56 |
| 90 to 94 yrs. | 28 | 27 | 26 | 30 | 34 | 26 |
| 95 to 99 yrs. | 2 | 5 | 5 | 7 | 8 | 11 |
| 100 yrs. or over | 0 | 0 | 0 | 0 | 0 | 0 |
| Age Unknown | 43 | 8 | 3 | 1 | 1 | 0 |

TABLE 6 Blind persons removed from the Massachusetts Register of the Blind from January 1 through December 31, 1964.

| Age | Total | Male | Female | Percent |
|----------------|------------|-----------|-----------|---------|
| Total | 901 (100%) | 388 (43%) | 513 (57%) | 100.0 |
| Under 5 yrs. | 4 | 1 | 3 | .3 |
| 5 to 19 yrs. | 51 | 27 | 24 | 5.7 |
| 20 to 44 yrs. | 40 | 19 | 21 | 4.4 |
| 45 to 64 yrs. | 108 | 65 | 43 | 12.0 |
| 65 to 74 yrs. | 156 | 65 | 91 | 17.3 |
| 75 to 84 yrs. | 246 | 101 | 145 | 27.5 |
| 85 yrs. & over | 248 | 89 | 159 | 27.5 |
| Age Unknown | 48 | 21 | 27 | 5.3 |

TABLE 7 Causes of blindness of 774 school age children born 1947 through 1958 on the Massachusetts Register of the Blind on June 30, 1965.

| | |
|--|-----|
| Total | 774 |
| Hydrophthalmos (congenital glaucoma) | 17 |
| Secondary glaucoma | 1 |
| Microphthalmos | 9 |
| Anophthalmos | 2 |
| Albinism | 47 |
| Myopia | 39 |
| Endophthalmitis | 1 |
| Nystagmus | 56 |
| Neuropathia keratitis | 1 |
| Corneal opacities | 5 |
| Corneal abnormality | 1 |
| Stippling of maculae | 1 |
| Congenital cataracts (of these 3 caused by rubella) | 84 |
| Dislocated lenses | 4 |
| Iridocyclitis | 1 |
| Uveitis | 7 |
| Chorioretinitis | 10 |
| Choridal degeneration | 2 |
| Choroiditis | 1 |
| Sympathetic ophthalmia | 1 |
| Aniridia | 14 |
| Coloboma iris, retina choroid | 4 |
| Retinopathy (one of these caused by diabetes) | 2 |
| Retrolental fibroplasia | 301 |
| Detachment of retina | 3 |
| Retinitis pigmentosa | 10 |
| Macular degeneration | 9 |
| Retinal degeneration | 6 |
| Other affection of retina | 6 |
| Retinoblastoma | 7 |
| Optic neuritis | 3 |
| Optic nerve atrophy (of these 8 caused by brain tumor) | 81 |
| Vitreous membrane | 1 |
| Hyperplastic vitreous | 1 |
| No report on site and type of affection | 36 |

TABLE 8 Whereabouts of 774 school age children born 1947 through 1958 on the Massachusetts Register of the Blind on June 30, 1965.

| | |
|--|-----|
| Total | 774 |
| Regular schools | 170 |
| Perkins School for the Blind | 169 |
| Ransom Greene Unit of the Walter E. Fernald School | 137 |
| Sight Saving Classes | 101 |
| Regular schools with Braille | 41 |
| Braille classes | 16 |
| Center for Blind Children | 9 |
| Paul A. Dever State School | 5 |
| Belchertown State School | 8 |
| Wrentham State School | 12 |
| Ungraded classes | 30 |
| At home retarded | 22 |
| Classes for disturbed | 4 |
| Schools out of state | 3 |
| Classes for physically handicapped | 3 |
| In hospitals | 8 |
| Home tutor | 1 |
| At home disturbed | 3 |
| Out of school over 16 | 1 |
| Unknown | 31 |

TABLE 9 Sources of referral of 774 school age children born 1947 through 1958 on the Massachusetts Register of the Blind on June 30, 1965.

| | |
|-------------------------------------|-----|
| Total | 774 |
| Mass. Eye and Ear Infirmary | 151 |
| Other hospitals | 22 |
| Ophthalmologists | 126 |
| Other physicians | 8 |
| School personnel | 102 |
| Optometrists | 2 |
| Families | 106 |
| Friends of families | 15 |
| Division of Special Education | 44 |
| Center for Blind Children | 34 |
| Public agencies | 23 |
| Private agencies | 41 |
| Walter E. Fernald State School | 39 |
| Other schools for the feeble minded | 16 |
| Perkins School for the Blind | 32 |
| Others | 13 |

TABLE 10 Causes of blindness of 120 preschool blind children born 1959 and later on the Massachusetts Register of the Blind on June 30, 1965.

| | |
|---|-----|
| Total | 120 |
| Hydrophthalmos (congenital glaucoma) | 5 |
| Microphthalmos | 6 |
| Anophthalmos | 3 |
| Albinism | 3 |
| Myopia | 2 |
| Nystagmus | 5 |
| Corneal opacities | 2 |
| Congenital cataracts (of these 9 caused by rubella in mother) | 18 |
| Chorioretinitis | 1 |
| Aniridia | 2 |
| Coloboma of iris | 1 |
| Retrolental fibroplasia | 14 |
| Detachment of retina | 4 |
| Retinitis pigmentosa | 1 |
| Retinal degeneration | 2 |
| Coloboma of retina | 1 |
| Retinoblastoma | 3 |
| Optic nerve atrophy (of these 2 were caused by brain tumor) | 24 |
| Site and type of affection not established | 23 |

TABLE 11 Whereabouts of 120 preschool blind children born 1959 and later on the Massachusetts Register of the Blind on June 30, 1965.

| | |
|--|-----|
| Total | 120 |
| At home | 40 |
| Foster home | 1 |
| Ransom Greene Unit of the Walter E. Fernald School | 25 |
| Home retarded | 13 |
| Boston Center for Blind Children | 1 |
| Nursery schools | 8 |
| Regular kindergartens | 7 |
| Perkins School for the Blind | 4 |
| Regular school | 5 |
| Belchertown State School for the Feeble Minded | 4 |
| Monson State Hospital | 2 |
| Paul A. Dever State School for the Feeble Minded | 1 |
| Wrentham State School for the Feeble Minded | 1 |
| Unknown | 8 |

TABLE 12 Sources of referral of 120 preschool blind children born 1959 and later on the Massachusetts Register of the Blind on June 30, 1965.

| | |
|--|-----|
| Total | 120 |
| Families | 28 |
| Friends | 3 |
| Mass. Eye and Ear Infirmary | 12 |
| Other hospitals | 11 |
| Ophthalmologist | 13 |
| School personnel | 4 |
| Private agencies | 11 |
| Public agencies | 6 |
| Perkins School for the Blind | 4 |
| Fernald State School for the Feeble Minded | 21 |
| Wrentham State School for the Feeble Minded | 1 |
| Belchertown State School for the Feeble Minded | 2 |
| Clergymen | 2 |
| Division of Special Education | 1 |
| Local physician | 1 |

TABLE 13 Causes of blindness of 82 blind children born 1947 and later added to the register June 30, 1964 - June 30, 1965.

| | |
|---|----|
| Total | 82 |
| Hydrophthalmos (congenital glaucoma) | 4 |
| Albinism | 9 |
| Myopia | 3 |
| Nystagmus | 11 |
| Scarred corneae | 1 |
| Congenital cataracts (of these 8 caused by rubella) | 18 |
| Uveitis | 1 |
| Aniridia | 5 |
| Diabetic retinopathy | 1 |
| Retrolental fibroplasia | 3 |
| Detachment of retina | 1 |
| Retinitis pigmentosa | 1 |
| Retinal degeneration | 2 |
| Retinoblastoma | 2 |
| Optic nerve atrophy (of these 3 caused by brain tumor) | 11 |
| Site and type of affection not established | 9 |

TABLE 14 Disposition of 82 blind children added to the Massachusetts Register of the Blind June 30, 1964 - June 30, 1965.

| | |
|--|----|
| Total | 82 |
| Regular schools | 20 |
| Sight Saving Classes | 14 |
| Preschool counselling | 19 |
| Perkins School for the Blind | 3 |
| To enter Perkins September 1965 | 2 |
| Itinerant teacher | 3 |
| Nursery school | 3 |
| Regular kindergarten | 1 |
| Ungraded classes | 6 |
| Vocational Rehabilitation | 2 |
| Class for physically handicapped | 1 |
| Class for disturbed | 1 |
| Belchertown State School for Feeble Minded | 1 |
| Died | 2 |
| Moved out of state | 1 |
| No services requested | 3 |

TABLE 15 Diagnosis of 42 children with Defective Sight but not legally blind referred to the Massachusetts Division of the Blind during the 12 months period June 30, 1964 - June 30, 1965.

| | |
|--|----|
| Total | 42 |
| Albinism | 3 |
| Myopia | 7 |
| Hyperopia | 4 |
| Congenital defect | 1 |
| Nystagmus | 9 |
| Congenital cataracts | 4 |
| Uveitis | 1 |
| Retinopathy | 1 |
| Retrolental fibroplasia | 1 |
| Retinal degeneration | 1 |
| Retinosis | 1 |
| Optic atrophy | 2 |
| Site and type of affection not established | 7 |

TABLE 16 Disposition of 42 children with Defective Sight but not legally blind referred to the Massachusetts Division of the Blind during the 12 months period June 30, 1964 - June 30, 1965.

| | |
|-----------------------------|----|
| Total | 42 |
| In regular schools | 19 |
| In Sight Saving Classes | 9 |
| To enter Sight Saving Class | 4 |
| Itinerant Teacher | 3 |
| Preschool counselling | 4 |
| Ungraded classes | 2 |
| Plans pending | 1 |

TABLE 17 Sources of referral of 42 children with Defective Sight but not legally blind referred to the Massachusetts Division of the Blind during the 12 months period June 30, 1964 - June 30, 1965.

| | |
|-------------------------------|----|
| Total | 42 |
| School personnel | 21 |
| Division of Special Education | 8 |
| Ophthalmologist | 4 |
| Parents | 3 |
| Hospitals | 3 |
| Private organizations | 2 |
| Selected from newspaper | 1 |

APPENDIX B

RECOMMENDATIONS FOR LEGISLATION

AND DRAFT LEGISLATION

RECOMMENDATIONS

1. An Act Authorizing The Division Of The Blind In The Department Of Education To Establish, Equip And Maintain A Workshop And Training Facility In The Commonwealth For Blind And Certain Other Severely Disabled Persons.

The extraordinary increase in the number of blind children during the 1940's caused by Retrolental Fibroplasia is now being reflected in the young adult population. While many of these young people are moving along to higher education after high school on scholarships provided by our Federal-State rehabilitation program, there are some who for a variety of reasons are not pursuing higher education. These young people frequently have difficulty in acquiring skill needed for industrial work and as a result cannot be placed in industrial jobs. They stay home, for the most part unoccupied and idle, and thus do not advance in industrial and social skills. They tend to stagnate and become more and more dependent upon their families. They need a job-oriented training at a slow rate which makes little demands upon them at a particular time. There is no such training facility available in the Commonwealth nor is there any existing agency, tax supported or voluntary, willing to organize and sponsor such a training facility.

It is recommended, therefore, that the Division of the Blind be given the authority and the funds necessary to establish a new training facility which will be separate from any existing shop or training facility. This center needs to be located in a convenient city location, accessible to young people, and located in an area where they can have access to social and cultural activities of the city.

2. An Act Relative To The Register Of The Blind In The Division Of The Blind.

The enclosed bill amends Section 19 of Chapter 69 of the General Laws by further defining the purposes and uses of the Register of the Blind and sets forth that said Register will not be considered a public record and enumerates those conditions under which the Director may divulge names of registrants on the Register or any information contained in said Register.

Chapter 69 of the General Laws is hereby amended by inserting after Section 14, the following section: --

Section 14A. The Division of the Blind in the Department of Education hereinafter called the Division is hereby authorized and directed to establish, equip and maintain a workshop and training facility hereinafter called the workshop in the Commonwealth for the industrial, business and social training and for the occupational activity of blind persons who have a substantial employment handicap due to poor mobility, inadequate finger and hand dexterity and from social, emotional and mental immaturity. For the purpose of providing a broader and more realistic industrial and social environment for said workshop there may be admitted therein certain severely disabled persons not legally blind as defined by statute in Section 19A of the General Laws but who are in need of industrial, business and social training and occupational activity. The number of such persons admitted for training at said workshop shall not exceed forty percent of the total complement of persons in training at any given time. Said workshop shall be provided with staff and equipment sufficient to enable trainees to develop a capacity for work commensurate with their ability. Said workshop shall be separate from and housed and directed independent of any other workshop in the Commonwealth. No person admitted for training at said workshop shall receive wages or salary or any other emolument for work done or services performed incidental to the training or occupational activity of the said workshop. There shall be in said workshop an unpaid board of admissions hereinafter called the board. The said board shall be composed of three members who are professionally active in any of the following fields: psychology, psychiatry, social work, special education, vocational guidance, or sheltered workshop direction. It will be the responsibility of said board to evaluate all applications for admissions for training at said workshop and to recommend persons for training therein and to authorize terminations therefrom. Members of said board shall be appointed by the said director and may be removed by him from time to time. The terms of said board shall be indeterminate or may be of such duration as the said director may determine.

Chapter 69 of the General Laws is hereby amended by striking out Section 19, as revised by Section 5 of Chapter 673 of the Acts of 1951 and inserting in its place thereof the following section: --

Section 19. The director of the Division of the Blind in the Department of Education shall maintain a Register of the Blind in the Commonwealth which shall describe therein the condition, cause of blindness and capacity for education and industrial training of all blind persons therein registered. Such Register shall be maintained on a current basis so as to give information which will aid in planning improved facilities and services for blind persons and to carry out the Division's programs of restoration of vision and conservation of sight. Such register may be utilized to cooperate with the National Institute for Neurological Diseases and Blindness in the United States Department of Health, Education and Welfare in gathering, classifying and reporting statistics on the incidence and prevalence of blindness in order to produce basic data of national importance from which further research into the causes of blindness and measures of prevention of blindness may be initiated. Notwithstanding the provisions of any general or

special law to the contrary, the Register of the Blind in the Division of the Blind shall be deemed not to be a public record and the director of the Division of the Blind shall not make available or in any way divulge the names of blind persons registered therein nor shall he make available or in any way divulge any other such data or information contained in or being a part of such Register of the Blind to any agency, department, division or authority of the Commonwealth or of any of its political sub-divisions for any purpose other than the furnishing of services to blind persons or in the conduct of research into the causes of blindness and dependency.

ANNUAL REPORT

Division of Library Extension

Year Ending June 30, 1965

The fiscal 1965 year was one of new dimensions, greater support, increased resources, planning for extensive interrelationships, and a gradual but steady trend in the direction of specialization and automation into the total library picture. In the light of the very recent and rapid developments in Federal legislation which carry tremendous implications for the future of public, school, college and university, and special libraries, the 89th Congress might well be extolled as the "Library Congress."

CHALLENGES FOR CHANGE

1965 was the year of the first installment of the National Inventory of Library Needs. Scientific and technological advances underlying all communication and information activities are creating a revolution in librarianship calling for a radical stepping up of library support. The National Inventory of Library Needs is a cooperative effort of the American Library Association and the Library Services Branch of the U. S. Office of Education intended to determine where we are materially in relation to the basic book and staff needs of the Nation's libraries.

How did Massachusetts public libraries measure up in this National Inventory? Thirty-five per cent of the local public libraries are not currently meeting minimum adequate standards in terms of book resources. This in contrast to a sixty-nine per cent figure for the whole nation. Ninety-four per cent of our public libraries failed to meet the standard for general operating expenditures - a figure which is just slightly below the ninety-seven per cent for the nation.

The retrospective and current deficiencies in the Commonwealth's school library picture are more serious and more pronounced. In 1962, 46.5% of the public school membership attended schools without centralized school libraries - as compared to a nationwide figure of 28.3%. An even larger percentage of the non-public school membership were without centralized school libraries - 50.6% as compared to 37.2% for the nation.

The National Inventory's presentation of the library picture in our four-year and two-year institutions of higher education was bleak indeed - with over 75% of the institutions in both categories failing to meet national standards for resources, staff and operating expenditures.

The improvement of these figures should provide a tremendous challenge to the education and library community of the Bay State!

LOCAL - STATE - FEDERAL PARTNERSHIP

With support now coming from three levels of government, public libraries may look toward moving steadily but surely in the direction of a statewide program of adequate public library service for every citizen whether he resides in a small village or the capitalcity.

Statistics prove conclusively that the direct state aid grants to local municipalities for public library service have raised per capita library support at the local level almost in direct and exact proportion to the amount of the grant. And this is happening despite the fact that the state aid law permits making the grant pretty much a paper transaction if a local municipality is appropriating \$3.00 or more per capita for public library service.

The two on-going state-aided Regional Public Library Systems in Central and Western Massachusetts are supplementing local library service in their 171 member libraries and providing at the local library consumer level a regional borrower's card honored in all libraries of the system. The Regional Systems are providing for local library reference use a union list of serials available in public, college, special and industrial libraries; directories of area libraries describing available resources in public, academic, law, medical and foundation libraries; greater library resources, and opportunities for in-service training.

P. L. 88-269 - the Library Services and Construction Act expanded the Library Services Act passed in 1957. The earlier limitation of service only to rural areas was removed. The Massachusetts allotment of funds under Title I - for public library services was increased to over five times the allotment of any one previous year. The increased funds permitted the attainment of a long-sought goal - the harnessing of the statewide inter-library loan program to the state's largest public library. With a substantial grant of federal funds to supplement local funds for the purchase of books and related materials, the Boston Public Library assumed the responsibility of functioning as a clearing house and "last recourse" library for statewide inter-library loan. Under a cumbersome and unwieldy system which drew heavily on a gratis basis on the resources and staff of several of the larger municipal libraries in the Boston area, the Division had been coordinating statewide inter-library loan for over 53 years. The present arrangement should both improve and speed-up service; and will release Division staff for supervisory and planning responsibilities.

The Division's collection of approximately 5,000 books in more than 25 foreign languages was transferred on permanent loan to the Boston Public Library to be melded with their own foreign language collections. This arrangement will provide for local libraries throughout the state access to a richer collection of foreign language materials available for loan by titles or in collections.

The enmeshing of state and federal aid funds to bring about sound library service plans within the regional systems as the intermediate service level between local municipalities and the State Division is proving to be an excellent catalytic agent providing the funds to innovate and demonstrate imaginative and new ideas for better library service at the consumer level.

IN THE BUILDING BUSINESS

Title II of the Library Services and Construction Act put this agency in the library building business in 1965. The program was launched with a flourish of nineteen applications all applying for federal funds for a public library building project. The Massachusetts share of \$810,122. plus an additional \$75,000 from the reallocation pool was allocated to aid building projects for the municipalities of Acton, Andover, Auburn, Fitchburg, Hingham, Leominster, Randolph and Uxbridge. Mrs. Betty Flynn, Senior Supervisor of Public Library Development deserves high praise for her astute direction of this program. Through a mass of blueprints, public library building standards, federal regulations, wage determinations etc., she has managed to skillfully guide architects, municipal officials, legal counsellors and contractors.

On March 26 and 27, this Division joined the library extension agencies of the other five New England States in co-sponsoring with the Simmons College School of Library Science a Public Library Building Institute. One hundred librarians and trustees from the New England States who were to embark on a building project were invited to attend. Institute registration fees were paid for all participants from the various states' LSCA Title I funds. The success of this pilot cooperative venture in library education augurs well for the future. We will most certainly explore other possibilities for the involvement of the Simmons School of Library Science in statewide and regional current activities and long range planning.

ON THE SCHOOL LIBRARIES FRONT

Following closely on the heels of strong recommendations for the development of school libraries which appeared in the Summary Report of the Special Commission Relative to Improving and Extending Educational Facilities in the Commonwealth came the introduction in Congress of the 1965 Elementary and Secondary Education Act. The Division was privileged to be identified closely with this legislation from the beginning. Charles W. Adams, Supervisor of School Libraries testified for the American Library Association in behalf of Title II - the School Library Title on January 27, 1965 before the General Sub-Committee on Education of the House Committee on Education and Labor. In March, Mr. Adams assisted the Division Director in preparing a tentative Title II State Plan which Commissioner Kiernan presented at a Chicago meeting of the Council of Chief State School Officers.

The enactment of P.L. 89-10 in April heralds a bright and shining new era for the development of school libraries at the elementary and secondary school levels in both public and non-public schools. To produce a top-notch State Plan will be a real test of our mettle. To place Massachusetts in the school libraries hit parade top ten will be our goal!

SALUTE TO CONGRESS

"Library talk" reigned supreme at the Salute to Congress luncheon held on January 28, 1965 in the huge Regency ballroom of the Shoreham Hotel in Washington. This special A.L.A. Congressional Luncheon arranged to honor members of Congress was a highlight of this year's annual A.L.A. Midwinter Meeting.

Alice M. Cahill, the Division's Assistant Director had the major responsibility for the great success of this state's participation in the event. Two tables were reserved for the Commonwealth.

Capitalizing on the opportunity to bring Congressmen up-to-date on current and future plans as well as to again recapitulate the impressive library gains made throughout the State in the past five or six years, a special News Letter Edition was served up to Congressmen with the delicious luncheon comestibles.

Gracing the luncheon tables were attractive sacred cod place card favors produced through the courtesy of Mr. James L. Burke, Senior Supervisor in the Division of Vocational Education and Mr. Walter D. Reid, Director of the Weldon Technical School in Medford.

COPLEY TO KENMORE

This is the 75th anniversary year of the Division - the first state library extension agency in the country. The official birthday dinner was held on April 29, 1965 in the Louis XIV Ballroom of the Somerset Hotel. Governor Volpe, Commissioner Kiernan, and Congressman Conte were head table guests along with professional colleagues, Jean L. Connor, Director of the New York State Division of Library Extension; Mr. John G. Lorenz, Director of the Division of Library Extension, U. S. Office of Education and Mr. Kenneth R. Shaffer, Director of the School of Library Science at Simmons College.

In February and May in two installments and after over twenty years of occupancy we left our happy but terribly overcrowded home on the third floor of the Department of Education Building at 200 Newbury Street to move to the same elevation in the Mobil Oil Building at 648 Beacon Street on Kenmore Square in Boston.

During our few and far between spare moments, we have done a little digging and delving into our archives - the early reports of the Board of Library Commissioners. These records certainly serve to evoke admiration and appreciation - yes and even surprise - for the accomplishments of the state's library past. It's more than a little bit startling to learn that many of the innovations of public library service in this well past mid-twentieth century were a regular library service feature in the early 1900's albeit called by some other terms than those in common usage in today's library jargon. One is tempted to say - is anything new under the sun?

COOPERATION - COORDINATION - CONCLUSION

Modern intellectual development may not be confined in single institutions or by narrow geographical boundaries. There is an ever-growing awareness today of the value and importance of libraries and librarians in our society. Almost daily there is mounting evidence of the past error in viewing libraries as a static housekeeping service rather than as a product of change and a "vital phenomenon" directly related to education, research and progress at all levels of society and of government.

During the past year we have worked closely with state, regional and national library associations in the development of programs, projects, and studies. Our staff members have cooperated with, among many others such agencies as the American Correctional Association, Book-of-the-Month Club, U. S. Army Library Service, Association for International Development - a UN project involving book publishers from Nigeria, Indonesia and Afghanistan, the University of New Hampshire Extension Service and the Massachusetts Education Study Committee.

Any measure of success we have achieved in the past year is due to a combination of intertwining forces rather than to the efforts of any one individual or individuals. The Division is most fortunate to have the direction and support of a hard-working, knowledgeable, and interested Board of Library Commissioners. As Director, I appreciate deeply the loyalty, the cooperation and the leadership qualities of a too small but most efficacious professional staff; and the enthusiasm, willingness, ability, and teamwork of a supporting staff without which we could not function efficiently and effectively. Both groups have had to work this past year under considerable pressure because of staff shortages.

With the combination of staff forces indicated above coupled with adequate financial support we will attempt to provide this state's need for more expansive and active library services, and thereby to meet the challenges of the National Inventory. Our efforts will be directed toward:

1. Catching up with the past.
2. Planning for a steady progression from the present situation to an improved one.
3. Looking to the future with new imaginative ideas for interrelated programs and services.

Respectfully submitted,

V. Genevieve Galick

V. Genevieve Galick
Director

FISCAL 1965
STATISTICAL SUMMARY

Finances:

| | |
|--|-----------------|
| State appropriation for Division Operation | \$ 203,140. |
| State Aid for Direct Grants to cities
and towns | 1,270,029. |
| State Aid for Regional Public Library
Systems | 612,857. |
| Federal Fund Allotment for LSCA - Title I | 658,637. |
| Federal Fund Allotment for LSCA - Title II | <u>885,122.</u> |
| TOTAL | \$3,629,785. |

Staff:

| | |
|-------------------------------|---------------------------|
| Professional - 20 | Sub-professional - 29 1/2 |
| Vacancies as of June 30, 1965 | |
| Professional - 6 | Sub-professional - 5 |

Certification and Placement Activities:

| | |
|--|-----|
| Professional certifications by examination | 25 |
| Professional certifications by library school degree | 35 |
| Subprofessional certifications | 491 |
| Certificates Replaced | 5 |
| Librarians registered for placement referral | 156 |
| Libraries using placement referral service | 88 |
| Positions listed with placement referral service | 184 |

Publications:Number of Issues:

| | |
|--|----|
| 75th Annual Report of the Board | 1 |
| Division News Letter | 12 |
| Random Notes for School Librarians | 4 |
| Selected Accessions List | 2 |
| Brochure on 1964 Governor's Conference | 1 |
| Library Service in Massachusetts (a N.L.W. brochure) | 1 |
| Miscellaneous group | 21 |

BOOK COLLECTION AND RELATED SERVICES

| | Headquarters and
Regional Centers
at Fall River and
North Reading | Central
Regional System | Western
Regional System |
|---|--|----------------------------|----------------------------|
| Books in collections
6-30-65 | 125,922 | 23,721 | 66,526 |
| Books added in 1965 | 7,894 | 12,730 | 14,538 |
| Books circulated | 317,148 | 32,463 | 364,986 |
| Inter-library loan
and reference
requests | 9,441 | 7,835 | 13,685 |
| Films Loaned | | 5,257 | 3,124 |
| Total Film Audiences | | 213,223 | 161,627 |
| Booklists and
bibliographies
compiled | 26 | 49 | 9 |

PROGRAM AND SERVICE ACTIVITIES

| | Headquarters and
Regional Centers
at Fall River and
North Reading | Central
Regional System | Western
Regional System |
|------------------------------------|--|----------------------------|----------------------------|
| Advisory Field Visits | 159 | 276 | 118 |
| Office Conferences | 374 | 389 | 592 |
| Talks and Program
Participation | 61 | 22 | 94 |
| In-service Training
Programs | 9 | 11 | 21 |
| Number of enrollees | 292 | 203 | 235 |

ANNUAL REPORTDIVISION OF TEACHERS' RETIREMENT BOARD

For the period

JANUARY 1, 1964 to DECEMBER 31, 1964

During the calendar year 1964, the fifty-first consecutive year of managing the Massachusetts Teachers' Retirement System, the Teachers' Retirement Board pursued its activities in numbers and dollars to the extent of the following:- New teachers entering the service of the public schools of Massachusetts for the first time, of whom membership was required, numbered 5,917. Former teacher members who were reinstated numbered 930. Deposits in the amount of \$15,150,260.96 were received and credited to the accounts of the members. Deposits in the amount of \$95,432.91 were received by transfer from other retirement systems in the Commonwealth and were credited to members' accounts. The net interest on investments totaled \$5,766,114.80. The number of teachers who left the service through resignation totaled 3,845. Of this number, 1,714 received refunds totaling \$1,606,644.41 and 2,131 accounts totaling \$1,740,330.65 were transferred to the inactive membership account. Refunds totaling \$832,124.27 were paid from the inactive membership accounts to 1,158 teachers whose services had terminated through resignation prior to January 1, 1964. Transfers of deposits in the amount of \$215,884.20 were made to other retirement systems on account of 129 teachers, who terminated by resignation. Refunds of \$364,184.71 were paid to the beneficiaries and estates of 62 teachers who died in 1964 and \$8,893.63 was paid on account of 3 teachers who died prior to January 1, 1964.

Retirement allowances on account of superannuation were established for 667 teachers in the amount of \$2,843,526.36 of which \$432,210.24 is annuity which is derived from the accumulated total deductions of the teacher on the date of retirement and \$2,411,316.12 is pension chargeable to the appropriation made by the Commonwealth for this purpose. Retirement allowances on account of ordinary disability were established for 7 teachers in the amount of \$13,211.16, of which \$1,461.36 is annuity and \$11,749.80 is pension. Retirement allowances on account of accidental disability were established for 2 teachers in the amount of \$12,372.06, of which \$1,362.48 is annuity and \$11,010.48 is pension.

Member-survivor allowances were established in 8 instances in which the teacher died before retirement and had appointed an eligible beneficiary. The total of the annual allowances was \$15,908.88, of which \$4,146.48 is annuity and \$11,762.40 is pension. Member-survivor allowances were established in 43 other instances in which teachers died before retirement without nominating an eligible beneficiary and the spouse was eligible to elect the member-survivor allowance in lieu of a cash refund of the accumulated total deductions to the credit of the member on his date of death. This number includes 1 case in which a retired teacher died within 30 days of the date of retirement and the spouse elected to receive the allowance in lieu of a cash refund. The total of the annual allowances established in these cases was \$67,773.84, of which \$16,615.68 is annuity

these cases was \$67,773.84, of which \$16,615.68 is annuity and \$51,158.16 is pension. Survivor allowances were also established in 13 instances in which the teacher member died before retirement, and the widow or person acting for surviving children under age 18 or over said age who were physically or mentally incapacitated from earning on the date of death of the member, elected to receive benefits for widows and/or children. The total of the annual allowances so established was \$26,080.00, of which \$3,440.76 is derived from the accumulated total deductions and \$22,639.24 is chargeable to the Commonwealth appropriation. In all 759 teachers or their survivors were placed on the retired roll of the system.

There were 293 retired teachers who died, and of this number there were 19 instances in which survivor allowances were continued to an eligible beneficiary, as the teacher had elected the joint and last survivor form of retirement allowance at the time of retirement. The total of survivor allowances to be continued was \$41,081.64, of which \$7,647.36 is annuity and \$33,434.28 is pension. In the remaining 274 instances a total of \$276,672.19 was paid to the beneficiaries or estates of teachers who had elected the cash refund annuity form of retirement allowance at the time of retirement. In addition, 10 beneficiaries who were receiving survivor allowances died and in these instances no further payments were made after the death. In all 284 teachers and beneficiaries were removed from the retired roll of the system.

As of December 31, 1964, there were 7,884 retired teachers and survivors receiving allowances from the system. The annual retirement allowances of these persons totals \$24,541,896.15 of which \$4,073,892.40 is annuity and \$20,468,003.75 is pension. Of this number 131 were receiving allowances on account of ordinary disability totaling \$218,875.44, of which \$28,592.64 is annuity and \$190,282.80 is pension; 13 were receiving allowances on account of accidental disability totaling \$56,032.08, of which \$5,179.68 is annuity and \$50,852.40 is pension; 2 spouses were receiving an accidental death benefit in the amount of \$7,310.40 per year all chargeable to pension; 120 beneficiaries were receiving joint and last survivor allowances totaling \$217,423.44, of which \$44,964.60 is annuity and \$172,458.84 is pension; 89 survivors of teachers who died before retirement and who had been appointed by the member as survivor allowance beneficiaries, were receiving allowances totaling \$160,257.24, of which \$44,099.88 is annuity and \$116,157.36 is pension; 312 survivors of teachers who died before retirement and who as spouses elected to receive member-survivor allowances in lieu of cash refunds, were receiving allowances totaling \$410,374.80, of which \$98,296.92 is annuity and \$312,077.88 is pension - included in this number are 3 spouses of teachers who retired and died within 30 days of the date of retirement; 59 widows and persons, acting for surviving children under age 18 or over said age and physically or mentally incapacitated from earning on the date of death of the teacher, were receiving allowances as widows and/or surviving children, totaling \$118,605.27, of which \$13,545.76 is derived from accumulated total deductions and \$105,059.51 is chargeable to the pension appropriation made by the Commonwealth - included in this number are 11 husbands or guardians receiving allowances paid solely for the eligible children of female teacher members. There were 7,302 living retired teachers receiving superannuation retirement allowances in the amount of \$23,627,924.76, of which \$3,872,986.20 is annuity and \$19,754,938.56 is pension.

Annual statements of balances of members' individual accounts were mailed seasonably to 48,716 members; of this number 44,548 were members actively engaged in the teaching service; 4,168 were inactive members, those who have terminated from the teaching service other than by retirement and death, and who have left the accumulated deductions on deposit.

The annual financial statement of the system required of the Teachers' Retirement Board was filed seasonably with the Office of the Commissioner of Insurance.

The annual reports required of the Teachers' Retirement Board were filed seasonably with the Governor, State Treasurer and Commissioner of Education.

On December 31, 1964, the amount of reimbursement to be paid by the Commonwealth for the school year 1963-1964 on account of pensions of teachers retired under the local systems was as follows:

| | |
|--------------------------------|-----------------|
| Boston School Committee | 146,760.62 |
| Boston Retirement Board | 86,379.31 |
| State-Boston Retirement System | 3,460,249.66 |
| Brookline | 5,041.71 |
| Cambridge | 5,553.19 |
| Milton | 3,001.99 |
| Pittsfield | 1,350.00 |
| Wellesley | <u>1,602.12</u> |
| TOTAL | \$3,709,938.60 |

Respectfully submitted,

Owen B. Kiernan, Commissioner

Raymon W. Eldridge

Helen N. Thienert

FINANCIAL STATEMENT

STATEMENT FOR THE YEAR ENDING DECEMBER 31, 1964, MADE TO THE

COMMISSIONER OF INSURANCE BY THE SECRETARY OF THE

TEACHERS' RETIREMENT BOARD

ANNUITY SAVINGS FUND, ANNUITY RESERVE FUND, and SECTION 12B FUND

Income

Annuity Savings Fund:

| | |
|--|-----------------|
| Members deposits and personal payments | \$15,150,260.96 |
| Members deposits transferred from Other Retirement Systems in the Commonwealth | 95,432.91 |
| Interest on investments (less \$99,367.58 accrued interest and \$1,688.00 interest receipts adjusted by Treasurer) | 5,766,114.80 |
| Amount in excess of amortized value received on investments called, sold, and exchanged | 4,772.63 |
| From Pension Fund-- | |
| Workmen's Compensation deductions | 110.30 |
| Reinstatement - Unclaimed inactive members accounts | 3,011.69 |

Annuity Reserve Fund:

| | |
|--|------------|
| From Military Service Credit Fund-- | |
| Accumulated Military Service Credit deposits of members retired | 1,531.02 |
| Accumulated Military Service Credit deposits of members - member-survivor benefits | 3,107.29 |
| From Pension Fund-- | |
| Deficit - Annuity Reserve Dec. 31, 1963 | 295,568.15 |

Section 12B Fund:

| | |
|---|--------|
| From Military Service Credit Fund-- | |
| Accumulated Military Service Credit deposits of members - Sec.12B survivor benefits | 227.11 |

Total Income

\$21,320,136.86

CARRIED FORWARD

ANNUITY SAVINGS FUND, ANNUITY RESERVE FUND, and SECTION 12B FUND

BROUGHT FORWARD -- Total Income \$21,320,136.86

Disbursements

Annuity Savings Fund:

| | |
|---|----------------|
| Refunds to members - resignation | \$2,439,768.68 |
| Refunds to benef. & estates - deaths
(less - canceled check \$57.24) | 373,078.34 |
| Transfers of deposits of members to Other
Retirement Systems in the Commonwealth
To Pension Fund: | 215,884.20 |
| Gain on investments called, sold, and
exchanged | 4,772.63 |
| Interest earned in 1963 in excess of
interest credited in 1963 | 682,996.43 |
| Excess interest credited to members
accounts refunded | 5,408.21 |
| Unclaimed inactive members accounts
over 10 yrs. old | 11,957.70 |
| Investment expense | 391.35 |
| Decrease in market value stocks | 6,600.00 |
| Decrease in amortization | 10,478.83 |

Annuity Reserve Fund:

| | |
|--|--------------|
| Annuity payments - Retired members and
member survivors a/c Option (c) and Option (d) | 3,913,082.23 |
| Cash Refund Annuities to estates and
beneficiaries of retired members | 276,672.19 |

Section 12B Fund:

| | |
|--|-----------|
| To Pension Fund--
Payments to survivors - chargeable to
accumulated deposits - Section 12B | 13,468.93 |
|--|-----------|

Total Disbursements

7,954,559.72

Income in excess of disbursements

\$13,365,577.14

THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION PUBLISHED WEEKLY

CHICAGO, ILL., U.S.A.

Subscription price, \$5.00 per annum in advance

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6. [Illegible]

7. [Illegible]

8. [Illegible]

9. [Illegible]

10. [Illegible]

11. [Illegible]

DEPARTMENTS

12. [Illegible]

[Illegible text in right column]

13. [Illegible]

14. [Illegible]

ANNUITY SAVINGS and ANNUITY RESERVE FUNDSAssets

| | |
|--|---------------------|
| Investments, Schedule A par value (\$167,331,900.) | |
| Amortized value | \$168,726,863.07 |
| Savings Bank Deposits | 600,000.00 |
| Stocks - Market value | 91,850.00 |
| Cash | 2,839,181.93 |
| Accrued Interest on investments | <u>1,590,760.02</u> |
| Gross Assets | \$173,848,655.02 |

Liabilities

| | | |
|--|----------------------|-------------------|
| Deductions and personal payments of members-active | \$102,176,981.79 | |
| Interest credited | <u>26,480,538.27</u> | |
| Accumulated deductions of members - active | | 128,657,520.06 |
| Deductions and personal payments of members - inactive | 3,113,341.95 | |
| Interest credited | <u>506,678.61</u> | |
| Accumulated deductions of members - inactive | | 3,620,020.56 |
| Deductions and personal payments of members - deceased | 32,821.89 | |
| Interest credited | <u>10,519.15</u> | |
| Accumulated deductions of members - deceased | | 43,341.04 |
| Reserve for payments of survivor benefits a/c Section 12B | | 155,669.49 |
| Reserve for payments due beneficiaries and estates of deceased retired members and deceased survivor beneficiaries | | 31,420.14 |
| Reserve for retired members, beneficiaries, and survivors living | | 41,028,620.00 |
| Due Commonwealth as provided by Section 22 of Chapter 32 of the General Laws | | <u>312,063.73</u> |
| Total Liabilities | | \$173,848,655.02 |

Membership

| | | |
|---|-------|---------------|
| Active membership December 31, 1964 | | 44,548 |
| Inactive membership December 31, 1964: | | |
| Resigned or terminated - Unpaid | 4,168 | |
| Deaths - Unpaid | 12 | |
| Retired - living | 7,300 | |
| Accidental Deaths | 2 | |
| Benef. of retired teachers receiving under Op.(c) | 120 | |
| Member-survivor benef. receiving under Section 12(2) (Option (d)) | 403 | |
| Survivors receiving benefits under Section 12B | 59 | <u>12,064</u> |
| Total Membership December 31, 1964 | | 56,612 |

I hereby certify that the above statement is a complete and correct exhibit of the financial condition of the Teachers' Retirement System of the Commonwealth of Massachusetts on the thirty-first day of December, 1964.

A true statement, made under the penalties of perjury.

Joseph B. Carr
Executive Secretary

NET INTEREST EARNED IN 1964 and AMOUNT CREDITED TO MEMBERS' ACCOUNTS

| | | |
|---|-----------------|---------------------|
| Total Interest received on investments | \$5,867,170.38 | |
| Less to correct interest credited Dec. 1963 | <u>1,688.00</u> | \$5,865,482.38 |
| Accrued Interest Dec. 31, 1964 | | <u>1,590,760.02</u> |
| Total | | 7,456,242.40 |

| | | |
|---|---------------------|---------------------|
| Accrued Interest on investments purchased | 99,367.58 | |
| Accrued Interest Dec. 31, 1963 | <u>1,447,010.86</u> | |
| Total | | <u>1,546,378.44</u> |

| | | |
|--|------------------|--------------|
| Balance | | 5,909,863.96 |
| Amortized value of investments Dec. 31, 1963 | 156,533,275.62 | |
| Value of Savings Bank Deposits Dec. 31, 1963 | 100,000.00 | |
| Par Value of investments purchased | 15,848,150.00 | |
| Premium on investments purchased | 224,910.50 | |
| Savings Bank Deposits purchased | 500,000.00 | |
| Stock purchased | <u>98,450.00</u> | |
| Total | 173,304,786.12 | |

| | | |
|--|---------------------|--|
| Investments matured | \$2,445,150.00 | |
| Amortized Value of investments called and sold | 1,377,235.62 | |
| Discount on purchases | <u>46,608.60</u> | |
| Total | <u>3,868,994.22</u> | |

| | | |
|---------|----------------|--|
| Balance | 169,435,791.90 | |
|---------|----------------|--|

| | | |
|--|-----------------------|--|
| Amortized value of investments Dec. 31, 1964 | 168,726,863.07 | |
| Value of Savings Bank Deposits Dec. 31, 1964 | 600,000.00 | |
| Value of Stocks Dec. 31, 1964 | <u>91,850.00</u> | |
| Total | <u>169,418,713.07</u> | |

| | | |
|----------|--|------------------|
| Decrease | | <u>17,078.83</u> |
| Total | | 5,892,785.13 |

| | | |
|---------------------------|--|----------------|
| Deduct Investment expense | | <u>391.35</u> |
| Net Interest earned | | \$5,892,393.78 |

C A R R I E D F O R W A R D

NET INTEREST EARNED IN 1964 and AMOUNT CREDITED TO MEMBERS' ACCOUNTS

BROUGHT FORWARD -- Net Interest earned \$5,892,393.78

Interest credited during 1964:

| | |
|---|------------------|
| To withdrawal refunds | \$30,302.54 |
| To death refunds | 5,273.01 |
| To accounts of members transferred
to Other Retirement Systems | 3,767.66 |
| To accounts of members retired in 1964 | <u>80,431.80</u> |

Total \$119,775.01

Interest credited Dec. 31, 1964:

| | |
|---|---------------------|
| To balances of members in
active service | 3,771,430.49 |
| To balances of members in
withdrawal account | 108,872.22 |
| To unpaid death accounts | 1,630.63 |
| To Annuity Reserve Fund | <u>1,157,049.39</u> |

Total 5,038,982.73

Total Interest credited 5,158,757.74

Less adjustment account of interest
credited in error prior to Jan. 1, 1964

29.85

Net Interest credited charged against
interest earned

5,158,727.89

Net Interest earned in excess of interest
credited to be transferred to the
Commonwealth as provided by Sec.22(6)(a)(iii)

\$733,665.89

Amount received for investments called,
sold, and exchanged

1,362,008.25

Amortized value of investments called,
sold, and exchanged

1,377,235.62

Net Gain on investments called, sold,
and exchanged (Transferred to
Pension Fund as provided by Sec.22(3)(c))

\$1,772.63

ANNUITY SAVINGS and ANNUITY RESERVE FUNDRate of Interest Earned in 1964

| | | |
|--------------------------------------|---------------------|-----------------------|
| Ledger Assets December 31, 1963: | | |
| Investments (Amortized value) | | \$156,533,275.62 |
| Savings Bank Deposits | | 100,000.00 |
| Cash | | <u>2,259,042.24</u> |
| Total | | 158,892,317.86 |
| Ledger Assets December 31, 1964: | | |
| Investments (Amortized value) | \$168,726,863.07 | |
| Savings Bank Deposits | 600,000.00 | |
| Stocks (Market value) | 91,850.00 | |
| Cash | <u>2,839,181.93</u> | |
| Total | | <u>172,257,895.00</u> |
| | | 331,150,212.86 |
| | Mean | 165,575,106.43 |
| Net Interest earned - \$5,892,393.78 | <u>5,892,393.78</u> | <u>2,946,196.89</u> |
| | 2 | \$162,628,909.54 |

$$\text{Rate } \frac{5,892,393.78}{162,628,909.54} = 3.623\%$$

ANNUITY RESERVE FUND

| | | |
|--|-----------------|-------------------|
| Annuity Reserve Dec. 31, 1963, for retired members
and Option (c) and Option (d) beneficiaries living | | \$37,590,654.00 |
| Annuity Reserve Dec. 31, 1963, for amounts due
estates of retired members and beneficiaries deceased | | 64,510.80 |
| Accumulated total deductions of members retired in
1964 and Option (d) benefits effective in 1964 -- | | |
| Regular | \$6,012,093.32 | |
| Military | <u>4,638.31</u> | |
| | | 6,016,731.63 |
| Interest credited to Annuity Reserve Fund Dec. 31, 1964 | | 1,157,049.39 |
| Due from Commonwealth a/c deficit for year 1964
as provided by Section 22(2)(d) | | <u>421,529.36</u> |
| Total | | \$45,250,475.18 |

| | | |
|---|----------------|---------------------|
| Annuity Reserve Dec. 31, 1964, for retired members
and Option (c) and Option (d) beneficiaries
living | | 41,028,620.00 |
| Annuity Reserve Dec. 31, 1964, for amount due
estates of retired members and beneficiaries
deceased | | 31,420.14 |
| Annuity Payments (Net) | \$3,913,082.23 | |
| Payments to estates - Option (b) (Net) | 276,672.19 | |
| Reinstated to active service | <u>620.62</u> | |
| | | <u>4,190,435.04</u> |
| Total | | \$45,250,475.18 |

A true statement, made under the penalties of perjury.

Joseph Blarall

 Executive Secretary
 Teachers' Retirement Board

SECTION 12B FUND

| | |
|--|---------------|
| Section 12B Fund Reserve Dec. 31, 1963, for
beneficiaries living | \$140,825.36 |
| Accumulated total deductions transferred
a/c benefits effective in 1964 | 28,085.95 |
| Accumulated Military Service Credit deductions
transferred a/c benefits effective in 1964 | <u>227.11</u> |
| Total | \$169,138.42 |

| | |
|--|-------------------|
| Payments to survivors in 1964 | \$13,468.93 |
| Reserve to defray payments as required
by Section 12B of Chapter 32 of the
General Laws, as of Dec. 31, 1964 | <u>155,669.49</u> |
| Total | \$169,138.42 |

10/1

CHAPTER 10

10/1, 10/2
10/3, 10/4
10/5, 10/6
10/7, 10/8
10/9, 10/10

The first part of the chapter discusses the various types of data structures and their applications. It covers arrays, linked lists, stacks, and queues. The second part of the chapter discusses the various types of sorting algorithms and their applications. It covers bubble sort, selection sort, insertion sort, merge sort, and quick sort.

10/11, 10/12

The third part of the chapter discusses the various types of searching algorithms and their applications. It covers linear search, binary search, and hash search. The fourth part of the chapter discusses the various types of graph algorithms and their applications. It covers breadth first search, depth first search, and shortest path algorithms.

10/13, 10/14

10/15, 10/16

10/17

TEACHERS' RETIREMENT BOARDPENSION FUND for year ending December 31, 1964Income

| | |
|---|-------------------|
| Received from Appropriation by Commonwealth for Pension Fund as provided by Section 22(3) | \$19,168,792.15 |
| Received from City, Town, and County Retirement Systems a/c reimbursement as provided by Section 3(8)(c) | 6,869.43 |
| Received from members retired account of disability as refund of pension - Section 91A | 1,914.72 |
| Received from Unclaimed Check Fund a/c Chapter 531, Acts of 1957 | 725.95 |
| Received from Section 12B Fund Account a/c of payments charged to Pension Fund in 1964 | 13,468.93 |
| Received from Annuity Savings Fund a/c excess interest credited on refunds from withdrawal account - Section 22(6)(d) | 5,408.21 |
| Received from Annuity Savings Fund as provided by Chapter 531, Acts of 1957 | 11,957.70 |
| Received from Annuity Savings Fund a/c gain on investments called, sold, and exchanged (Net) | 4,772.63 |
| Received from Annuity Savings Fund a/c interest earned in 1963 in excess of interest credited in 1963 (Section 22(6)(a)(iii)) | <u>682,996.43</u> |
| Total | \$19,896,906.15 |

PENSION FUND for year ending December 31, 1964Disbursements

| | | |
|---|------------------|----------------------|
| Pensions paid to members retired prior to January 1, 1946, under Chapter 832, Acts of 1913 - Warrants | \$1,006,592.22 | |
| Less - Canceled checks | <u>13,891.63</u> | |
| Net Pensions paid - Chapter 832, Acts of 1913 | | \$992,700.59 |
| Pensions paid to members retired after January 1, 1946, under Chapter 658, Acts of 1945 - Warrants | 18,648,317.42 | |
| Less - Canceled checks | <u>59,117.43</u> | |
| Net Pensions paid - Chapter 658, Acts of 1945 | | <u>18,589,199.99</u> |
| Total Pensions paid (Net) | | \$19,581,900.58 |
| Reimbursements paid to City, Town, and County Retirement Systems as provided by Section 3(8)(c) | | 15,145.61 |
| Refunds to former members as provided by Chapter 531, Acts of 1957 | | 1,033.15 |
| Transfer to Military Service Credit Fund a/c interest deficit December 31, 1963 | | 136.67 |
| Transfer to Annuity Savings Fund a/c reinstatement of former members - Chapter 531, Acts of 1957 | | 3,011.69 |
| Transfer to Annuity Savings Fund a/c deductions required by Section 14(1)(a) | | 110.30 |
| Transfer to Annuity Reserve Fund a/c deficit December 31, 1963 (Section 22(2)(d)) | | <u>295,568.15</u> |
| Total | | \$19,896,906.15 |

A true statement, made under the penalties of perjury.

Joseph Barrall
 Executive Secretary
 Teachers' Retirement Board

TEACHERS' RETIREMENT BOARDREIMBURSEMENT FUND for year ending December 31, 1964Income

Received from Commonwealth by Appropriation for
Reimbursements to Cities and Towns as required
by Section 20(2)(c)

\$3,537,359.76

Disbursements

Paid to City of Boston a/c pensions paid
under Chapter 589, Acts of 1908

Paid 12/7/64 - Year 1962-1963

\$158,632.84

Paid to City of Boston a/c pensions paid
under Chapter 521, Acts of 1922

Paid 12/7/64 - Year 1962-1963

102,928.51

Paid to City of Boston a/c pensions paid
by State-Boston Retirement System

Paid 12/7/64 - Year 1962-1963

3,258,830.47

Total paid to City of Boston

3,520,391.82

Paid to Cities and Towns a/c pensions paid
under Chapter 498, Acts of 1908:

Town of Brookline - Year 1962-1963

5,452.53

City of Cambridge - Year 1962-1963

5,657.49

Town of Milton - Year 1962-1963

3,055.80

City of Pittsfield - Year 1962-1963

1,200.00

Town of Wellesley - Year 1962-1963

1,602.12

Total Payments a/c Reimbursements

\$3,537,359.76

A true statement, made under the penalties of perjury.

Joseph Barrall

Executive Secretary
Teachers' Retirement Board

TEACHERS' RETIREMENT BOARDEXPENSE FUND for year ending December 31, 1964Income

| | | |
|--|--------------|--------------|
| Received from Appropriations by Commonwealth
for Personal Services and Expenses | \$194,398.86 | |
| Less: Miscellaneous income - returned | <u>3.50</u> | |
| Total Income (Net) | | \$194,395.36 |

Disbursements

| | | |
|--|------------------|--------------|
| Salaries paid to staff of Teachers' Retirement
Board for calendar year 1964 | 154,168.91 | |
| Contingent expenses of administration
of Teachers' Retirement Board for
calendar year 1964 | \$40,229.95 | |
| Less: Miscellaneous income - returned | <u>3.50</u> | |
| Net Contingent Expenses | <u>40,226.45</u> | |
| Total Disbursements (Net) | | \$194,395.36 |

A true statement, made under the penalties of perjury.

Joseph Barrall

Executive Secretary
Teachers' Retirement Board

TEACHERS' RETIREMENT BOARDMILITARY SERVICE CREDIT FUNDIncome

| | |
|--|---------------|
| Received from Cities and Towns - Section 9 and 9A,
Chapter 708, Acts of 1941 | \$12,596.53 |
| Received from Commonwealth of Massachusetts -
Section 9 and 9A, Chapter 708, Acts of 1941 | 189.00 |
| Interest on investments (less \$1,869.56
accrued interest on purchases) | 19,997.34 |
| Received from Pension Fund a/c interest
deficit 1963 - Section 22(6)(a)(iii) | <u>136.67</u> |
| Total Income | \$32,919.54 |

Disbursements

| | |
|--|------------------|
| Refunds to Cities and Towns - Section 22(4)(a)
and Section 22(4)(c) | \$20,053.47 |
| Trans. to Other Retirement Systems - Section 22(4)(d) | <u>1,054.91</u> |
| Total Disbursements | <u>21,108.38</u> |
| Income in excess of Disbursements | \$11,811.16 |

Section 1

Section 2

Section 3

Section 3 of the Act provides that the Secretary shall, in the exercise of his powers, have regard to the following considerations:—
(a) the general interest of the community;
(b) the interests of the persons concerned;
(c) the interests of the State;
(d) the interests of the public;
(e) the interests of the Crown.

Section 4

Section 5

Section 5 of the Act provides that the Secretary shall, in the exercise of his powers, have regard to the following considerations:—
(a) the general interest of the community;
(b) the interests of the persons concerned;
(c) the interests of the State;
(d) the interests of the public;
(e) the interests of the Crown.

Section 6

Section 6 of the Act provides that the Secretary shall, in the exercise of his powers, have regard to the following considerations:—
(a) the general interest of the community;
(b) the interests of the persons concerned;
(c) the interests of the State;
(d) the interests of the public;
(e) the interests of the Crown.

Section 7

Section 8

Section 9

Section 10

Section 11

Section 12

Section 13

Section 14

Section 15

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MILITARY SERVICE CREDIT FUNDAssets

| | |
|---|-----------------|
| Investments (par value \$534,434.80) | |
| Amortized value | \$535,697.69 |
| Savings Bank Deposits | 65,000.00 |
| Cash | 3,830.41 |
| Accrued Interest Dec. 31, 1964 | 4,031.85 |
| Due from Commonwealth - Int.deficit - Sec.22(6)(a)(iii) | <u>1,072.33</u> |
| Total Assets | \$609,632.28 |

Liabilities

| | |
|--|-------------------|
| Deposits and interest - City & Town Accounts | \$47,682.55 |
| Accumulated deductions and interest -
members' accounts | <u>561,949.73</u> |
| Total Liabilities | \$609,632.28 |

I hereby certify that the above statement is a complete and correct exhibit of the financial condition of the Teachers' Retirement Military Service Fund of the Teachers' Retirement Board on the thirty-first day of December, 1964.

A true statement, made under the penalties of perjury.

Joseph B. Carrall
Executive Secretary
Teachers' Retirement Board

MILITARY SERVICE FUNDNet Interest Earned in 1964 and Amounts Credited
to City, Town, & Members Accounts

| | | |
|---|------------------|-------------------|
| Total Interest received on investments | | \$21,866.90 |
| Accrued Interest December 31, 1964 | | <u>4,031.85</u> |
| Total | | 25,898.75 |
| Accrued interest on purchases | \$1,869.56 | |
| Accrued interest December 31, 1963 | <u>6,505.61</u> | |
| Total | | <u>8,375.17</u> |
| Balance | | 17,523.58 |
| Amortized value of investments December 31, 1963 | 587,107.33 | |
| Par value of investments purchased | 158,875.60 | |
| Savings Bank Deposits purchased | <u>65,000.00</u> | |
| Total | | 810,982.93 |
| Investments matured | \$209,183.10 | |
| Discount on purchases | <u>976.56</u> | |
| Total | | <u>210,159.66</u> |
| Balance | | 600,823.27 |
| Amortized value of investments | 535,697.69 | |
| Value of Savings Bank Deposits | <u>65,000.00</u> | |
| Total | | 600,697.69 |
| Decrease | | <u>125.58</u> |
| Net Interest earned (Average rate 2.9489%) | | 17,398.00 |
| Interest credited to accounts of Cities and Towns | 1,246.73 | |
| Interest credited to members accounts - retired
regular & Option (d) survivors | 53.94 | |
| Interest credited to members accounts - Sec.12B survivors | 4.77 | |
| Interest credited to members accounts refunded to
Cities and Towns | 406.86 | |
| Interest credited to members accounts transferred
to S.R.S. | 332.59 | |
| Interest credited to balances of active members accounts | <u>16,448.17</u> | |
| Total | | 18,493.06 |
| Less adjustment account of interest credited in
error prior years | <u>11.50</u> | |
| Net Interest credited to be charged against
interest earned | | <u>18,481.56</u> |
| Interest deficit to be assumed by
Commonwealth - Section 22(6)(a)(iii) | | \$1,083.56 |

MILITARY SERVICE FUND 5300Rate of Interest Earned in 1964

Ledger Assets December 31, 1963:

Investments (Amortized value)

Cash

\$587,107.33

5,735.19

Total

592,842.52

Ledger Assets December 31, 1964:

Investments (Amortized value)

Savings Bank Deposits

Cash

\$535,697.69

65,000.00

3,830.41

Total

604,528.10

\$1,197,370.62

Mean

598,685.31

Net Interest earned in 1964 - \$17,398.00

17,398.00 =8,699.00

2

\$589,986.31

$$\text{Rate} - \frac{17,398.00}{589,986.31} = 2.9489\%$$

Inventory of Property - 1940
continued - Personal Property

| Item | Year | Particulars | Amount | Value |
|------|------|-------------|----------|----------|
| Auto | 1938 | 1938 Ford | 1,200.00 | 1,200.00 |
| Auto | 1939 | 1939 Ford | 1,200.00 | 1,200.00 |
| Auto | 1940 | 1940 Ford | 1,200.00 | 1,200.00 |
| Auto | 1941 | 1941 Ford | 1,200.00 | 1,200.00 |

SECURITIES

December 31, 1964

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Securities - (Bonds and Notes)

Municipals - Massachusetts

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|---------------|-----------------------|------------|--------------------------------------|---------------------------------------|
| Boston, Mass. | 3 | 420,000.00 | 464,903.17 | 1,050.00 |
| Boston, Mass. | 4 | 171,900.00 | 168,934.06 | 1,719.00 |
| Boston, Mass. | 4 $\frac{1}{4}$ | 50,000.00 | 49,714.09 | 1,062.50 |
| Total | | 641,900.00 | 683,551.32 | 3,831.50 |

Securities (Bonds and Notes)

202

Municipals: Other States

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|---------------------------|-----------------------|------------|--------------------------------------|---------------------------------------|
| Cleveland, Ohio | 4 $\frac{1}{2}$ | 10,000.00 | 10,077.10 | 75.00 |
| Cleveland, Ohio | 5 | 50,000.00 | 51,226.01 | 833.33 |
| Des Moines, Iowa | 5 | 25,000.00 | 25,595.91 | 104.17 |
| Long Beach, California | 4 | 90,000.00 | 91,706.19 | 300.00 |
| Newport, Rhode Island | 4 | 40,000.00 | 40,000.00 | 666.67 |
| Norwalk, Connecticut | 3 $\frac{3}{4}$ | 20,000.00 | 19,547.14 | 156.24 |
| Norwalk, Connecticut | 4 | 28,000.00 | 27,725.93 | 326.66 |
| Providence, Rhode Island | 4 | 11,000.00 | 10,986.64 | 220.00 |
| San Francisco, California | 4 $\frac{1}{2}$ | 75,000.00 | 77,781.33 | 1,687.50 |
| Total | | 349,000.00 | 354,646.25 | 4,369.57 |

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| 100 | 100 | 100 | 100 | 100 |

Securities (Bonds and Notes)

United States Treasury

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|------------------------------|-----------------------|---------------|--------------------------------------|---------------------------------------|
| United States Treasury Bonds | 2 $\frac{1}{2}$ | 11,135,000.00 | 10,897,223.64 | 58,907.99 |
| United States Treasury Bonds | 2 $\frac{3}{4}$ | 29,319,000.00 | 29,546,760.86 | 201,568.12 |
| United States Treasury Bonds | 3 | 4,429,000.00 | 4,445,674.52 | 49,826.25 |
| United States Treasury Bonds | 3 $\frac{1}{4}$ | 1,050,000.00 | 1,052,197.82 | 1,489.58 |
| United States Treasury Bonds | 3 $\frac{3}{8}$ | 736,000.00 | 736,000.00 | 3,105.00 |
| United States Treasury Bonds | 3 $\frac{1}{2}$ | 10,085,000.00 | 10,318,007.46 | 69,496.87 |
| United States Treasury Bonds | 3 $\frac{5}{8}$ | 1,350,000.00 | 1,350,000.00 | 6,117.19 |
| United States Treasury Bonds | 3 $\frac{3}{4}$ | 1,350,000.00 | 1,349,293.07 | 11,015.63 |
| United States Treasury Bonds | 4 | 600,000.00 | 590,892.54 | 7,666.67 |
| United States Treasury Bonds | 4 $\frac{1}{4}$ | 2,000,000.00 | 2,000,000.00 | 10,625.00 |
| Total | | 62,054,000.00 | 62,286,049.91 | 419,818.30 |

Securities (Bonds and Notes)

Railroad Equipment

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|---|-----------------------|--------------|--------------------------------------|---------------------------------------|
| Atlantic Coast Line R. R.
Equipment Trust | 4 $\frac{1}{4}$ | 300,000.00 | 294,971.64 | 5,312.50 |
| Chesapeake & Ohio R. R.
Equipment Bonds | 3 | 300,000.00 | 297,434.52 | 3,249.99 |
| Chicago, Burlington & Quincy
R. R. Equipment Bonds | 2 $\frac{5}{8}$ | 100,000.00 | 99,529.55 | 1,312.50 |
| Chicago, Burlington & Quincy
R. R. Equipment Bonds | 3 $\frac{1}{8}$ | 250,000.00 | 250,150.28 | 3,255.20 |
| Chicago, Burlington & Quincy
R. R. Equipment Trust | 4 $\frac{1}{8}$ | 500,000.00 | 489,335.15 | 6,875.00 |
| Clinchfield R. R.
Equipment Trust | 4 $\frac{1}{4}$ | 250,000.00 | 246,127.09 | 4,426.54 |
| Gulf Mobile & Ohio
R. R. Equipment Trust | 4 $\frac{1}{8}$ | 100,000.00 | 97,207.31 | 1,718.75 |
| Missouri & Pacific R. R.
Equipment Trust | 4 $\frac{3}{8}$ | 550,000.00 | 541,222.38 | 7,656.25 |
| Northern Pacific R. R.
Equipment Bonds | 3 $\frac{1}{8}$ | 100,000.00 | 99,994.09 | 1,171.87 |
| St. Louis, San Francisco
R. R. Equipment Bonds | 3 $\frac{3}{8}$ | 100,000.00 | 100,238.03 | 281.25 |
| So. Pacific R. R.
Equipment Bonds | 3 $\frac{1}{4}$ | 150,000.00 | 149,656.88 | 2,437.50 |
| Texas & Pacific R. R.
Equipment Trust | 4 $\frac{1}{4}$ | 300,000.00 | 294,340.45 | 4,958.34 |
| Total | | 3,000,000.00 | 2,960,207.37 | 42,655.69 |

| Account Name | Account Number | Debit | Credit | Balance |
|--------------------------|----------------|--------|---------|---------|
| Office Supplies | 101-101-101 | 100.00 | | 100.00 |
| Postage | 101-101-102 | 50.00 | | 50.00 |
| Telephone | 101-101-103 | 25.00 | | 25.00 |
| Travel | 101-101-104 | 75.00 | | 75.00 |
| Meals | 101-101-105 | 30.00 | | 30.00 |
| Entertainment | 101-101-106 | 15.00 | | 15.00 |
| Gifts | 101-101-107 | 10.00 | | 10.00 |
| Charitable Contributions | 101-101-108 | 20.00 | | 20.00 |
| Professional Fees | 101-101-109 | 120.00 | | 120.00 |
| Legal Fees | 101-101-110 | 80.00 | | 80.00 |
| Accounting Fees | 101-101-111 | 40.00 | | 40.00 |
| Insurance | 101-101-112 | 60.00 | | 60.00 |
| Interest | 101-101-113 | 35.00 | | 35.00 |
| Dividends | 101-101-114 | | 150.00 | 150.00 |
| Retained Earnings | 101-101-115 | | 1000.00 | 1000.00 |
| Total | | 605.00 | 1250.00 | 645.00 |

Telephone Companies

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|---|-----------------------|--------------|--------------------------------------|---------------------------------------|
| Am. Tel. & Tel. Co. | 2 5/8 | 100,000.00 | 98,059.23 | 1,312.50 |
| Am. Tel. & Tel. Co. | 2 3/4 | 250,000.00 | 246,652.74 | 2,406.25 |
| Am. Tel. & Tel. Co. | 3 1/2 | 250,000.00 | 254,759.94 | 2,369.79 |
| Am. Tel. & Tel. Co. | 3 7/8 | 500,000.00 | 511,754.13 | 9,687.50 |
| Am. Tel. & Tel. Co. | 4 3/8 | 2,100,000.00 | 2,122,566.63 | 21,145.58 |
| Am. Tel. & Tel. Co. | 4 3/4 | 100,000.00 | 103,939.78 | 791.67 |
| Bell Tel. of Penn. | 3 1/4 | 150,000.00 | 151,466.83 | 1,625.00 |
| Bell Tel. of Penn. | 3 3/4 | 1,000,000.00 | 1,015,902.64 | 15,625.00 |
| Bell Tel. of Penn. | 4 3/4 | 800,000.00 | 827,598.67 | 6,333.33 |
| Chesapeake & Potomac Tel. Co. | 3 1/4 | 100,000.00 | 102,456.36 | 1,354.17 |
| Chesapeake & Potomac Tel. Co. | 4 1/8 | 520,000.00 | 539,941.95 | 1,787.50 |
| Chesapeake & Potomac Tel. Co. | 4 3/8 | 500,000.00 | 506,568.05 | 9,114.58 |
| Chesapeake & Potomac Tel. Co.
of Maryland | 4 3/8 | 500,000.00 | 514,076.21 | 10,937.50 |
| Chesapeake & Potomac Tel. Co.
of West Virginia | 5 | 500,000.00 | 510,017.64 | 8,333.33 |
| General Tel. Co. of California | 4 1/2 | 200,000.00 | 202,506.00 | 3,000.00 |
| General Tel. Co. of California | 5 | 300,000.00 | 300,000.00 | 1,250.00 |
| Illinois Bell Tel. Co. | 3 | 200,000.00 | 200,962.22 | 500.00 |
| Illinois Bell Tel. Co. | 3 1/8 | 300,000.00 | 301,793.73 | 2,343.75 |
| Illinois Bell Tel. Co. | 4 1/4 | 250,000.00 | 252,940.46 | 3,541.67 |
| Illinois Bell Tel. Co. | 4 3/8 | 350,000.00 | 351,590.32 | 5,104.16 |
| Indiana Bell Tel. Co. | 4 3/8 | 300,000.00 | 305,916.87 | 1,093.75 |
| Michigan Bell Tel. Co. | 4 3/8 | 250,000.00 | 254,971.25 | 911.46 |
| Michigan Bell Tel. Co. | 4 3/4 | 825,000.00 | 876,484.97 | 6,531.26 |

Securities (Bonds and Notes)

- 2 - Telephone Companies

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|------------------------------------|-----------------------|--------------|--------------------------------------|---------------------------------------|
| Mountain States
Tel. & Tel. Co. | 3 | 150,000.00 | 151,301.68 | 1,875.00 |
| Mountain States
Tel. & Tel. Co. | 3 1/8 | 125,000.00 | 125,605.26 | 976.56 |
| Mountain States
Tel. & Tel. Co. | 3 1/2 | 325,000.00 | 323,473.28 | 947.92 |
| Mountain States
Tel. & Tel. Co. | 4 3/8 | 400,000.00 | 404,715.41 | 7,291.67 |
| Mountain States
Tel. & Tel. Co. | 5 | 500,000.00 | 510,873.44 | 6,250.00 |
| New England Tel. & Tel. Co. | 3 | 350,000.00 | 355,409.37 | 3,062.50 |
| New England Tel. & Tel. Co. | 3 1/4 | 450,000.00 | 454,189.46 | 1,557.29 |
| New England Tel. & Tel. Co. | 4 1/2 | 500,000.00 | 504,539.55 | 11,250.00 |
| New England Tel. & Tel. Co. | 4 5/8 | 500,000.00 | 509,655.37 | 5,781.25 |
| New Jersey Bell Tel. Co. | 2 3/4 | 100,000.00 | 97,397.84 | 802.08 |
| New Jersey Bell Tel. Co. | 3 | 200,000.00 | 201,586.67 | 1,000.00 |
| New Jersey Bell Tel. Co. | 3 1/8 | 250,000.00 | 255,651.93 | 3,580.73 |
| New York Tel. Co. | 2 3/4 | 200,000.00 | 186,831.31 | 2,520.83 |
| New York Tel. Co. | 3 | 150,000.00 | 151,307.05 | 937.50 |
| New York Tel. Co. | 3 1/8 | 250,000.00 | 251,953.35 | 3,255.21 |
| New York Tel. Co. | 4 1/8 | 900,000.00 | 919,028.33 | 18,562.50 |
| New York Tel. Co. | 4 1/4 | 450,000.00 | 453,285.54 | 9,562.50 |
| New York Tel. Co. | 4 1/2 | 300,000.00 | 304,636.84 | 1,687.50 |
| New York Tel. Co. | 4 5/8 | 1,850,000.00 | 1,884,766.21 | 40,468.75 |
| Northwestern Bell Tel. Co. | 4 7/8 | 500,000.00 | 506,200.91 | 2,031.25 |
| Pacific Northwest Bell Tel. | 4 3/8 | 300,000.00 | 304,125.00 | 4,375.00 |
| Pacific Northwest Bell Tel. | 4 1/2 | 350,000.00 | 348,928.76 | 2,250.00 |
| Pacific Tel. & Tel. Co. | 2 7/8 | 100,000.00 | 99,231.37 | 718.75 |

Securities (Bonds and Notes)

- 3 - Telephone Companies

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|----------------------------|-----------------------|---------------|--------------------------------------|---------------------------------------|
| Pacific Tel. & Tel. Co. | 3 1/8 | 200,000.00 | 202,949.57 | 781.25 |
| Pacific Tel. & Tel. Co. | 3 1/4 | 400,000.00 | 405,924.51 | 3,317.70 |
| Pacific Tel. & Tel. Co. | 3 1/2 | 150,000.00 | 152,876.28 | 656.25 |
| Pacific Tel. & Tel. Co. | 3 5/8 | 350,000.00 | 357,523.91 | 4,757.81 |
| Pacific Tel. & Tel. Co. | 4 5/8 | 1,100,000.00 | 1,128,746.98 | 10,406.25 |
| Pacific Tel. & Tel. Co. | 5 1/8 | 700,000.00 | 707,829.87 | 14,947.92 |
| So. Bell Tel. & Tel. Co. | 2 3/4 | 100,000.00 | 94,717.71 | 1,145.83 |
| So. Bell Tel. & Tel. Co. | 3 1/8 | 200,000.00 | 203,810.91 | 2,083.33 |
| So. Bell Tel. & Tel. Co. | 3 1/4 | 200,000.00 | 201,941.15 | 1,354.17 |
| So. Bell Tel. & Tel. Co. | 4 | 125,000.00 | 126,643.37 | 1,250.00 |
| So. Bell Tel. & Tel. Co. | 4 3/8 | 1,700,000.00 | 1,714,682.20 | 20,416.67 |
| So. Bell Tel. & Tel. Co. | 4 5/8 | 250,000.00 | 252,987.08 | 963.54 |
| So. N. E. Tel. Co. | 3 1/4 | 300,000.00 | 302,387.59 | 2,843.75 |
| So. N. E. Tel. Co. | 4 1/8 | 500,000.00 | 510,053.20 | 6,875.00 |
| So. N. E. Tel. Co. | 4 3/8 | 300,000.00 | 299,250.00 | 1,093.75 |
| Southwestern Bell Tel. Co. | 3 1/8 | 250,000.00 | 254,022.73 | 1,302.08 |
| Southwestern Bell Tel. Co. | 4 1/2 | 1,050,000.00 | 1,062,871.78 | 19,687.50 |
| Southwestern Bell Tel. Co. | 4 5/8 | 100,000.00 | 102,568.09 | 1,927.08 |
| Southwestern Bell Tel. Co. | 4 3/4 | 1,050,000.00 | 1,100,050.43 | 12,468.75 |
| Wisconsin Tel. Co. | 4 7/8 | 500,000.00 | 505,939.07 | 4,062.50 |
| Total | | 29,070,000.00 | 29,545,596.98 | 360,185.67 |

Public Utilities

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|---------------------------------|-----------------------|------------|--------------------------------------|---------------------------------------|
| Alabama Power Co. | 3 $\frac{1}{4}$ | 200,000.00 | 202,569.45 | 2,166.67 |
| Alabama Power Co. | 3 $\frac{3}{8}$ | 100,000.00 | 101,891.38 | 843.75 |
| Alabama Power Co. | 3 $\frac{1}{2}$ | 200,000.00 | 204,340.00 | 1,895.83 |
| Alabama Power Co. | 4 $\frac{1}{8}$ | 78,000.00 | 79,252.79 | 536.25 |
| Atlantic City Electric Co. | 4 $\frac{3}{8}$ | 250,000.00 | 250,000.00 | 3,645.83 |
| Atlantic City Electric Co. | 4 $\frac{1}{2}$ | 300,000.00 | 304,201.02 | 6,750.00 |
| Baltimore Gas & Electric Co. | 3 $\frac{1}{4}$ | 200,000.00 | 201,253.55 | 541.67 |
| Baltimore Gas & Electric Co. | 4 | 500,000.00 | 505,056.04 | 6,666.67 |
| Baltimore Gas & Electric Co. | 4 $\frac{3}{8}$ | 500,000.00 | 506,010.12 | 10,026.40 |
| Boston Edison Co. | 2 $\frac{3}{4}$ | 200,000.00 | 203,173.90 | 1,375.00 |
| Boston Edison Co. | 3 | 200,000.00 | 201,778.58 | 2,500.00 |
| Boston Edison Co. | 3 $\frac{1}{8}$ | 150,000.00 | 150,503.58 | 2,343.75 |
| Boston Edison Co. | 4 $\frac{5}{8}$ | 500,000.00 | 506,636.40 | 1,927.08 |
| Brockton Edison Co. | 4 $\frac{1}{2}$ | 200,000.00 | 200,000.00 | 2,250.00 |
| Carolina Power & Light Co. | 4 $\frac{1}{2}$ | 750,000.00 | 750,114.02 | 7,500.00 |
| Carolina Power & Light Co. | 4 $\frac{7}{8}$ | 500,000.00 | 501,776.87 | 6,093.75 |
| Central Illinois Light Co. | 4 $\frac{1}{4}$ | 500,000.00 | 500,000.00 | 7,083.33 |
| Central Illinois Light Co. | 4 $\frac{7}{8}$ | 300,000.00 | 298,937.58 | 4,875.00 |
| Central Illinois Public Service | 4 $\frac{1}{2}$ | 950,000.00 | 968,582.82 | 7,125.00 |
| Central Illinois Public Service | 4 $\frac{3}{4}$ | 500,000.00 | 507,184.97 | 11,875.00 |
| Central Maine Power Co. | 3 $\frac{1}{8}$ | 246,000.00 | 248,022.72 | 640.63 |
| Central Maine Power Co. | 3 $\frac{5}{8}$ | 100,000.00 | 100,727.25 | 1,203.33 |
| Central Power & Light Co. | 4 $\frac{3}{4}$ | 500,000.00 | 510,850.25 | 5,937.50 |

Securities (Bonds and Notes)

- 2 - Public Utilities

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|--|-----------------------|------------|--------------------------------------|---------------------------------------|
| Central Power & Light Co.
of Southern Texas | 3 $\frac{1}{2}$ | 100,000.00 | 100,760.10 | 1,354.17 |
| Cleveland Electric Illuminating Co. | 2 $\frac{3}{4}$ | 200,000.00 | 193,384.57 | 1,833.34 |
| Cleveland Electric Illuminating Co. | 3 | 250,000.00 | 252,294.31 | 1,250.00 |
| Cleveland Electric Illuminating Co. | 3 $\frac{3}{8}$ | 100,000.00 | 101,764.35 | 281.25 |
| Cleveland Electric Illuminating Co. | 3 $\frac{7}{8}$ | 400,000.00 | 407,126.62 | 5,166.67 |
| Columbus & So. Ohio Electric Co. | 3 $\frac{3}{4}$ | 200,000.00 | 204,417.97 | 1,875.00 |
| Commonwealth Edison Co. | 3 | 200,000.00 | 200,572.00 | 1,000.00 |
| Commonwealth Edison Co. | 3 $\frac{3}{4}$ | 500,000.00 | 503,843.10 | 6,250.00 |
| Commonwealth Edison Co. | 4 $\frac{1}{2}$ | 200,000.00 | 200,000.00 | 2,833.33 |
| Connecticut Light & Power Co. | 2 $\frac{3}{4}$ | 100,000.00 | 94,496.49 | 458.33 |
| Connecticut Light & Power Co. | 3 | 100,000.00 | 100,859.36 | 750.00 |
| Connecticut Light & Power Co. | 3 $\frac{1}{4}$ | 250,000.00 | 249,008.95 | 677.08 |
| Consolidated Edison | 4 $\frac{3}{8}$ | 600,000.00 | 605,808.12 | 2,187.50 |
| Consolidated Edison | 4 $\frac{3}{4}$ | 500,000.00 | 500,625.00 | 1,979.17 |
| Consolidated Edison Co. of New York | 2 $\frac{3}{4}$ | 300,000.00 | 291,685.35 | 2,062.50 |
| Consolidated Edison Co. of New York | 3 $\frac{1}{4}$ | 200,000.00 | 203,813.84 | 1,083.33 |
| Consolidated Edison Co. of New York | 3 $\frac{3}{8}$ | 650,000.00 | 660,552.33 | 7,734.37 |
| Consolidated Edison Co. of New York | 3 $\frac{1}{2}$ | 150,000.00 | 152,419.13 | 2,187.50 |
| Consolidated Edison Co. of New York | 4 | 500,000.00 | 511,487.89 | 1,666.67 |
| Consolidated Edison Co. of New York | 4 $\frac{3}{8}$ | 500,000.00 | 509,234.95 | 1,822.92 |
| Consolidated Edison Co. of New York | 4 $\frac{5}{8}$ | 500,000.00 | 506,538.99 | 3,854.17 |
| Consolidated Edison Co. of New York | 4 $\frac{3}{4}$ | 100,000.00 | 104,069.64 | 395.83 |
| Consolidated Gas, Electric Light
& Power Co. of Baltimore, Maryland | 2 $\frac{3}{4}$ | 250,000.00 | 248,022.52 | 3,151.04 |

Securities (Bonds and Notes)

- 3 - Public Utilities

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|--|-----------------------|------------|--------------------------------------|---------------------------------------|
| Consolidated Gas, Electric Light
& Power Co. of Baltimore, Maryland | 3 | 300,000.00 | 301,564.91 | 4,125.00 |
| Consumers Power Co. | 2 7/8 | 300,000.00 | 300,357.69 | 2,875.00 |
| Consumers Power Co. | 4 | 700,000.00 | 709,701.94 | 11,666.67 |
| Consumers Power Co. | 4 1/2 | 250,000.00 | 258,895.13 | 2,812.50 |
| Consumers Power Co. | 4 5/8 | 500,000.00 | 501,884.00 | 9,635.42 |
| Dallas Power & Light Co. | 3 1/2 | 200,000.00 | 203,231.02 | 2,333.34 |
| Dallas Power & Light Co. | 4 1/4 | 200,000.00 | 201,114.95 | 708.33 |
| Dayton Power & Light Co. | 2 3/4 | 100,000.00 | 101,322.62 | 687.50 |
| Dayton Power & Light Co. | 3 | 250,000.00 | 250,471.09 | 2,500.00 |
| Lawrence Power & Light Co. | 3 7/8 | 250,000.00 | 250,950.65 | 807.29 |
| Detroit Edison Co. | 2 3/4 | 100,000.00 | 101,551.51 | 916.67 |
| Detroit Edison Co. | 2 7/8 | 250,000.00 | 248,615.83 | 2,096.35 |
| Detroit Edison Co. | 3 1/4 | 200,000.00 | 200,000.00 | 812.50 |
| Detroit Edison Co. | 3 3/8 | 200,000.00 | 202,046.53 | 843.75 |
| Duquesne Light Co. | 2 3/4 | 300,000.00 | 292,748.27 | 3,437.49 |
| Duquesne Light Co. | 3 1/8 | 250,000.00 | 251,018.87 | 3,906.25 |
| Duquesne Light Co. | 3 5/8 | 100,000.00 | 101,423.27 | 1,208.33 |
| Duquesne Light Co. | 3 3/4 | 400,000.00 | 400,603.14 | 3,750.00 |
| El Paso Electric Co. | 4 1/4 | 300,000.00 | 306,746.81 | 6,375.00 |
| El Paso Electric Co. | 4 5/8 | 500,000.00 | 505,785.04 | 9,635.42 |
| Fall River Electric Light Co. | 4 3/8 | 175,000.00 | 178,197.98 | 1,914.06 |
| Florida Power Corp. | 4 1/4 | 500,000.00 | 500,625.00 | 3,511.66 |
| Florida Power Corp. | 4 3/4 | 300,000.00 | 309,723.05 | 3,562.50 |

- 4 - Public Utilities

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|---------------------------------|-----------------------|--------------|--------------------------------------|---------------------------------------|
| Florida Power & Light Co. | 4 3/8 | 400,000.00 | 407,646.92 | 1,458.33 |
| Florida Power & Light Co. | 4 5/8 | 500,000.00 | 510,077.84 | 5,781.25 |
| Georgia Power Co. | 2 7/8 | 100,000.00 | 101,678.71 | 718.75 |
| Gulf States Utilities Co. | 4 3/4 | 500,000.00 | 510,830.74 | 11,875.00 |
| Gulf States Utilities Co. | 4 7/8 | 200,000.00 | 201,608.37 | 4,875.00 |
| Hartford Electric Light | 4 1/4 | 500,000.00 | 496,718.04 | 5,312.50 |
| Houston Lighting & Power Co. | 3 1/4 | 100,000.00 | 100,915.85 | 1,083.33 |
| Houston Lighting & Power Co. | 4 1/2 | 100,000.00 | 101,425.40 | 1,875.00 |
| Houston Lighting & Power Co. | 4 3/4 | 200,000.00 | 208,535.84 | 1,583.33 |
| Idaho Power Co. | 4 1/2 | 300,000.00 | 300,000.00 | 2,812.50 |
| Illinois Power Co. | 4 | 1,000,000.00 | 1,022,905.00 | 6,666.67 |
| Illinois Power Co. | 4 1/4 | 500,000.00 | 504,093.51 | 10,625.00 |
| Indiana & Michigan Electric Co. | 3 1/4 | 100,000.00 | 102,266.63 | 1,625.00 |
| Indiana & Michigan Electric Co. | 4 3/8 | 500,000.00 | 497,158.92 | 9,114.58 |
| Indiana & Michigan Electric Co. | 4 3/4 | 100,000.00 | 103,925.34 | 791.67 |
| Iowa Power & Light | 4 5/8 | 200,000.00 | 205,360.57 | 4,625.00 |
| Kansas City Power & Light Co. | 2 3/4 | 100,000.00 | 99,547.12 | 229.17 |
| Kansas City Power & Light Co. | 3 1/4 | 100,000.00 | 101,935.23 | 1,218.75 |
| Long Island Lighting Co. | 3 3/8 | 200,000.00 | 202,241.53 | 1,125.00 |
| Long Island Lighting Co. | 4 3/4 | 250,000.00 | 258,642.62 | 989.58 |
| Madison Gas & Electric Co. | 4 5/8 | 292,000.00 | 294,300.41 | 3,376.25 |
| Massachusetts Electric Co. | 3 3/8 | 100,000.00 | 101,871.42 | 843.75 |
| Massachusetts Electric Co. | 4 3/8 | 150,000.00 | 152,732.00 | 2,187.50 |

- 5 - Public Utilities

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|------------------------------------|-----------------------|------------|--------------------------------------|---------------------------------------|
| Metropolitan Edison Co. | 3 1/8 | 100,000.00 | 101,318.26 | 781.25 |
| Metropolitan Edison Co. | 4 3/8 | 700,000.00 | 713,053.15 | 2,552.08 |
| Monongahela Power Co., W. Va. | 3 5/8 | 100,000.00 | 101,715.60 | 302.08 |
| Montana Power Co. | 2 7/8 | 250,000.00 | 246,281.80 | 1,796.87 |
| Montana Power Co. | 3 1/8 | 100,000.00 | 101,970.02 | 520.83 |
| Narragansett Electric | 3 1/4 | 400,000.00 | 406,591.72 | 4,666.66 |
| New England Power Co. | 2 7/8 | 100,000.00 | 101,357.22 | 1,197.92 |
| New England Power Co. | 3 | 500,000.00 | 502,767.34 | 7,500.00 |
| New England Power Co. | 4 5/8 | 300,000.00 | 308,158.11 | 2,312.50 |
| New York Power & Light Co. | 2 3/4 | 200,000.00 | 197,883.24 | 1,833.34 |
| N. Y. State Electric & Gas Corp. | 3 1/4 | 100,000.00 | 101,799.83 | 541.67 |
| N. Y. State Electric & Gas Corp. | 3 3/8 | 225,000.00 | 229,199.82 | 2,531.25 |
| N. Y. State Electric & Gas Corp. | 4 5/8 | 400,000.00 | 408,268.80 | 3,083.33 |
| Niagara Mohawk Power Corp. | 2 3/4 | 200,000.00 | 202,166.68 | 2,750.00 |
| Niagara Mohawk Power Corp. | 3 1/4 | 200,000.00 | 200,910.07 | 1,625.00 |
| Niagara Mohawk Power Corp. | 3 3/8 | 200,000.00 | 202,448.26 | 562.50 |
| Niagara Mohawk Power Corp. | 3 1/2 | 150,000.00 | 151,885.01 | 2,187.50 |
| Niagara Mohawk Power Corp. | 3 5/8 | 150,000.00 | 151,666.10 | 906.25 |
| Niagara Mohawk Power Corp. | 3 7/8 | 300,000.00 | 303,459.23 | 968.75 |
| Northern States Power Co. | 4 | 500,000.00 | 500,000.00 | 10,000.00 |
| Northern States Power Co. | 4 1/4 | 200,000.00 | 202,257.69 | 2,833.33 |
| Northern States Power Co. of Minn. | 4 3/8 | 500,000.00 | 507,611.65 | 1,822.92 |
| Northern States Power Co. of Minn. | 4 7/8 | 550,000.00 | 562,363.57 | 11,171.87 |

- 6 - Public Utilities

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|-----------------------------|-----------------------|--------------|--------------------------------------|---------------------------------------|
| Ohio Edison Co. | 4 $\frac{1}{2}$ | 500,000.00 | 505,139.16 | 5,625.00 |
| Ohio Edison Co. | 4 $\frac{3}{4}$ | 100,000.00 | 104,233.69 | 395.83 |
| Ohio Power Co. | 4 $\frac{5}{8}$ | 400,000.00 | 409,096.11 | 4,625.00 |
| Oklahoma Gas & Electric Co. | 3 $\frac{7}{8}$ | 500,000.00 | 504,333.92 | 1,614.58 |
| Pacific Gas & Electric Co. | 2 $\frac{7}{8}$ | 400,000.00 | 394,717.38 | 958.33 |
| Pacific Gas & Electric Co. | 3 | 125,000.00 | 128,622.04 | 312.50 |
| Pacific Gas & Electric Co. | 3 $\frac{1}{8}$ | 350,000.00 | 352,610.08 | 911.45 |
| Pacific Gas & Electric Co. | 3 $\frac{3}{8}$ | 300,000.00 | 306,237.71 | 843.75 |
| Pacific Gas & Electric Co. | 3 $\frac{3}{4}$ | 100,000.00 | 101,088.59 | 312.50 |
| Pacific Gas & Electric Co. | 4 $\frac{1}{4}$ | 1,000,000.00 | 1,001,692.93 | 3,541.66 |
| Pacific Gas & Electric Co. | 4 $\frac{3}{8}$ | 200,000.00 | 200,000.00 | 729.17 |
| Pacific Gas & Electric Co. | 4 $\frac{1}{2}$ | 1,112,000.00 | 1,120,450.66 | 4,170.00 |
| Pacific Power & Light Co. | 4 $\frac{3}{8}$ | 100,000.00 | 100,000.00 | 729.17 |
| Pennsylvania Electric Co. | 3 $\frac{1}{8}$ | 200,000.00 | 202,451.25 | 2,083.33 |
| Pennsylvania Electric Co. | 3 $\frac{3}{8}$ | 200,000.00 | 202,186.28 | 1,687.50 |
| Pennsylvania Electric Co. | 3 $\frac{7}{8}$ | 150,000.00 | 153,180.57 | 968.75 |
| Pennsylvania Electric Co. | 4 $\frac{1}{8}$ | 100,000.00 | 101,613.73 | 343.75 |
| Pennsylvania Power | 2 $\frac{7}{8}$ | 100,000.00 | 96,595.31 | 479.17 |
| Philadelphia Electric Co. | 2 $\frac{3}{4}$ | 100,000.00 | 99,444.56 | 458.33 |
| Philadelphia Electric Co. | 2 $\frac{7}{8}$ | 350,000.00 | 348,819.96 | 4,192.71 |
| Philadelphia Electric Co. | 3 $\frac{1}{8}$ | 300,000.00 | 298,930.30 | 781.25 |
| Philadelphia Electric Co. | 3 $\frac{1}{4}$ | 50,000.00 | 50,325.84 | 812.50 |
| Philadelphia Electric Co. | 3 $\frac{3}{4}$ | 500,000.00 | 498,901.77 | 3,125.00 |

Securities (Bonds and Notes)

- 7 - Public Utilities

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|--|-----------------------|--------------|--------------------------------------|---------------------------------------|
| Philadelphia Electric Co. | 4 3/8 | 500,000.00 | 500,000.00 | 1,822.92 |
| Philadelphia Electric Co. | 4 1/2 | 600,000.00 | 604,854.74 | 4,500.00 |
| Philadelphia Electric Co. | 4 5/8 | 400,000.00 | 411,000.00 | 6,166.67 |
| Potomac Electric Power Co. | 2 3/4 | 300,000.00 | 302,326.32 | 1,375.00 |
| Potomac Electric Power Co. | 3 3/8 | 150,000.00 | 153,223.00 | 421.87 |
| Potomac Electric Power Co. | 4 3/8 | 500,000.00 | 507,908.04 | 4,101.56 |
| Potomac Electric Power Co. | 4 1/2 | 650,000.00 | 650,125.00 | 3,656.25 |
| Potomac Electric Power Co. | 4 5/8 | 400,000.00 | 414,629.19 | 1,511.66 |
| Potomac Electric Power Co. | 5 | 100,000.00 | 105,966.94 | 208.33 |
| Public Service Electric & Gas Co. | 4 3/8 | 1,500,000.00 | 1,509,656.08 | 12,760.12 |
| Public Service Electric & Gas Co. | 4 3/4 | 700,000.00 | 715,467.77 | 11,083.34 |
| Public Service Co. of Colorado | 4 1/2 | 500,000.00 | 501,614.23 | 1,875.00 |
| Public Service Co. of Indiana | 3 3/8 | 150,000.00 | 152,487.51 | 2,531.25 |
| Public Service Co. of Indiana | 4 3/8 | 500,000.00 | 501,833.89 | 9,114.58 |
| Public Service Co. of N. H. | 3 1/4 | 125,000.00 | 127,610.66 | 677.08 |
| Public Service Electric & Gas Co. of N. J. | 3 1/4 | 600,000.00 | 606,195.14 | 4,604.17 |
| Public Service Electric & Gas Co. of N. J. | 4 5/8 | 500,000.00 | 509,002.74 | 9,635.42 |
| So. Calif. Edison Co. | 2 7/8 | 250,000.00 | 247,737.25 | 2,695.31 |
| So. Calif. Edison Co. | 3 | 150,000.00 | 150,528.94 | 1,687.50 |
| So. Calif. Edison Co. | 3 1/8 | 350,000.00 | 353,185.41 | 4,752.60 |
| So. Calif. Edison Co. | 3 5/8 | 300,000.00 | 299,326.64 | 3,473.96 |
| So. Calif. Edison Co. | 4 1/4 | 200,000.00 | 200,500.00 | 1,416.67 |
| So. Calif. Edison Co. | 4 3/8 | 1,500,000.00 | 1,498,459.16 | 17,318.16 |

- 8 - Public Utilities

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|---------------------------------|-----------------------|------------|--------------------------------------|---------------------------------------|
| So. Calif. Edison Co. | 4 $\frac{1}{2}$ | 300,000.00 | 303,267.42 | 3,375.00 |
| So. Calif. Edison Co. | 4 $\frac{3}{4}$ | 200,000.00 | 206,257.48 | 4,750.00 |
| Southwestern Gas & Electric Co. | 4 $\frac{5}{8}$ | 100,000.00 | 101,734.23 | 2,312.50 |
| Tampa Electric Co. | 4 $\frac{1}{2}$ | 500,000.00 | 511,244.68 | 10,625.00 |
| Tampa Electric Co. | 4 $\frac{1}{2}$ | 500,000.00 | 508,841.08 | 3,750.00 |
| Texas Electric Service | 4 $\frac{3}{8}$ | 500,000.00 | 504,438.12 | 5,468.75 |
| Texas Power & Light Co. | 4 $\frac{3}{8}$ | 500,000.00 | 511,838.86 | 9,114.58 |
| Texas Power & Light Co. | 4 $\frac{1}{2}$ | 300,000.00 | 302,666.43 | 1,125.00 |
| Union Electric Co. | 4 $\frac{1}{2}$ | 400,000.00 | 401,915.91 | 3,000.00 |
| Union Electric Co. | 4 $\frac{3}{4}$ | 800,000.00 | 821,168.99 | 17,416.67 |
| Utah Power & Light Co. | 3 $\frac{5}{8}$ | 100,000.00 | 101,823.17 | 1,208.33 |
| Virginia Electric & Power Co. | 3 $\frac{7}{8}$ | 500,000.00 | 504,223.13 | 1,614.58 |
| Virginia Electric & Power Co. | 4 $\frac{3}{8}$ | 500,000.00 | 502,814.50 | 3,645.83 |
| Virginia Electric & Power Co. | 4 $\frac{1}{2}$ | 500,000.00 | 502,409.19 | 1,875.00 |
| Virginia Electric & Power Co. | 4 $\frac{5}{8}$ | 500,000.00 | 503,358.03 | 7,708.33 |
| W. Penn. Power Co. | 2 $\frac{7}{8}$ | 100,000.00 | 97,766.72 | 958.33 |
| W. Penn. Power Co. | 3 $\frac{1}{4}$ | 100,000.00 | 102,002.92 | 812.50 |
| W. Penn. Power Co. | 4 $\frac{1}{2}$ | 500,000.00 | 505,474.23 | 7,500.00 |
| Wisconsin Electric Power Co. | 3 $\frac{1}{8}$ | 150,000.00 | 152,730.33 | 781.25 |
| Wisconsin Electric Power Co. | 3 $\frac{7}{8}$ | 250,000.00 | 253,815.81 | 2,018.23 |
| Wisconsin Electric Power Co. | 4 $\frac{1}{8}$ | 500,000.00 | 510,912.81 | 5,156.25 |
| Wisconsin, Michigan Power Co. | 3 $\frac{1}{8}$ | 100,000.00 | 100,569.32 | 651.04 |
| Wisconsin Power & Light Co. | 4 $\frac{5}{8}$ | 489,000.00 | 491,452.11 | 7,538.75 |

| Station Name | Location | Depth (m) | Time (hr) | Remarks |
|--------------|----------|-----------|-----------|---------|
| 1. 1000 | 1000 | 1000 | 1000 | 1000 |
| 2. 1000 | 1000 | 1000 | 1000 | 1000 |
| 3. 1000 | 1000 | 1000 | 1000 | 1000 |
| 4. 1000 | 1000 | 1000 | 1000 | 1000 |
| 5. 1000 | 1000 | 1000 | 1000 | 1000 |
| 6. 1000 | 1000 | 1000 | 1000 | 1000 |
| 7. 1000 | 1000 | 1000 | 1000 | 1000 |
| 8. 1000 | 1000 | 1000 | 1000 | 1000 |
| 9. 1000 | 1000 | 1000 | 1000 | 1000 |
| 10. 1000 | 1000 | 1000 | 1000 | 1000 |
| 11. 1000 | 1000 | 1000 | 1000 | 1000 |
| 12. 1000 | 1000 | 1000 | 1000 | 1000 |
| 13. 1000 | 1000 | 1000 | 1000 | 1000 |
| 14. 1000 | 1000 | 1000 | 1000 | 1000 |
| 15. 1000 | 1000 | 1000 | 1000 | 1000 |
| 16. 1000 | 1000 | 1000 | 1000 | 1000 |
| 17. 1000 | 1000 | 1000 | 1000 | 1000 |
| 18. 1000 | 1000 | 1000 | 1000 | 1000 |
| 19. 1000 | 1000 | 1000 | 1000 | 1000 |
| 20. 1000 | 1000 | 1000 | 1000 | 1000 |
| 21. 1000 | 1000 | 1000 | 1000 | 1000 |
| 22. 1000 | 1000 | 1000 | 1000 | 1000 |
| 23. 1000 | 1000 | 1000 | 1000 | 1000 |
| 24. 1000 | 1000 | 1000 | 1000 | 1000 |
| 25. 1000 | 1000 | 1000 | 1000 | 1000 |
| 26. 1000 | 1000 | 1000 | 1000 | 1000 |
| 27. 1000 | 1000 | 1000 | 1000 | 1000 |
| 28. 1000 | 1000 | 1000 | 1000 | 1000 |
| 29. 1000 | 1000 | 1000 | 1000 | 1000 |
| 30. 1000 | 1000 | 1000 | 1000 | 1000 |

- 9 - Public Utilities

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|------------------------------|-----------------------|----------------------|--------------------------------------|---------------------------------------|
| Wisconsin Public Service Co. | 4 $\frac{1}{2}$ | 900,000.00 | 903,759.92 | 3,375.00 |
| Worcester Gas & Light Co. | 5 $\frac{1}{4}$ | 180,000.00 | 182,722.09 | 787.50 |
| Total | | 61,947,000.00 | 62,569,597.62 | 626,742.82 |

Securities (Bonds and Notes)

Industrials - Corporations

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|--|-----------------------|--------------|--------------------------------------|---------------------------------------|
| Aluminum Co. of America | 4 $\frac{1}{2}$ | 100,000.00 | 100,000.00 | 2,125.00 |
| Borden Co. | 4 $\frac{3}{8}$ | 200,000.00 | 197,652.55 | 729.17 |
| General Motors | 3 $\frac{1}{4}$ | 200,000.00 | 201,963.03 | 3,250.00 |
| Minneapolis-Honeywell
Regulator Co. | 4 $\frac{1}{2}$ | 700,000.00 | 698,431.23 | 12,395.83 |
| National Dairy Products | 4 $\frac{3}{8}$ | 100,000.00 | 101,675.40 | 1,276.04 |
| Proctor & Gamble | 3 $\frac{7}{8}$ | 500,000.00 | 482,859.79 | 6,458.33 |
| Sears Roebuck & Co. | 4 $\frac{3}{4}$ | 1,100,000.00 | 1,134,362.40 | 21,770.84 |
| United States Steel Corp. | 4 | 500,000.00 | 502,085.47 | 9,166.67 |
| United States Steel Corp. | 4 $\frac{1}{2}$ | 440,000.00 | 446,916.81 | 4,125.00 |
| Total | | 3,840,000.00 | 3,865,946.68 | 61,296.88 |

Securities (Bonds and Notes)

Industrials - Oil Companies

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|--------------------------------|-----------------------|--------------|--------------------------------------|---------------------------------------|
| Marathon Oil Co. | 4 3/8 | 800,000.00 | 818,903.33 | 8,750.00 |
| Shell Oil Co. | 4 5/8 | 500,000.00 | 511,049.41 | 9,635.42 |
| Socony Mobil Oil Co. | 4 1/4 | 600,000.00 | 601,707.46 | 6,375.00 |
| Standard Oil Co. of California | 4 3/8 | 800,000.00 | 800,569.12 | 17,500.00 |
| Standard Oil Co. of Indiana | 4 1/2 | 762,000.00 | 770,766.84 | 8,572.50 |
| Standard Oil Co. of New Jersey | 2 3/4 | 100,000.00 | 101,293.85 | 1,260.42 |
| Sunray D. X. Oil Co. | 4 1/4 | 750,000.00 | 741,788.29 | 5,332.50 |
| Total | | 4,312,000.00 | 4,346,078.30 | 57,425.84 |

Securities (Bonds and Notes)

Banks

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|--|-----------------------|--------------|--------------------------------------|---------------------------------------|
| Banker's Trust Co. | 4 $\frac{1}{2}$ | 768,000.00 | 768,000.00 | 1,440.00 |
| Central National Bank
of Cleveland | 4 $\frac{3}{4}$ | 350,000.00 | 350,000.00 | 1,385.42 |
| Crocker-Citizens
National Bank | 4.60 | 500,000.00 | 499,121.00 | 5,750.00 |
| Inter-American
Development Bank | 4 $\frac{1}{2}$ | 50,000.00 | 49,544.21 | 375.00 |
| International Bank for
Reconstruction & Development | 4 $\frac{1}{4}$ | 100,000.00 | 98,523.43 | 708.33 |
| International Bank for
Reconstruction & Development | 4 $\frac{1}{2}$ | 100,000.00 | 100,000.00 | 1,875.00 |
| Wells Fargo | 4 $\frac{1}{2}$ | 200,000.00 | 200,000.00 | 2,625.00 |
| Total | | 2,068,000.00 | 2,065,188.64 | 14,158.75 |

Securities (Bonds and Notes)

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|----------------------------------|-----------------------|----------------|--------------------------------------|---------------------------------------|
| Mass. Turnpike Authority | 3.30 | 50,000.00 | 50,000.00 | 275.00 |
| Total | | 50,000.00 | 50,000.00 | 275.00 |
| Grand Total: | | 167,331,900.00 | 168,726,863.07 | 1,590,760.02 |
| Deposits: | | | | |
| Bass River Savings Bank | | 100,000.00 | 100,000.00 | |
| Cape Cod Five Cents Savings Bank | | 100,000.00 | 100,000.00 | |
| City Savings Bank - Pittsfield | | 50,000.00 | 50,000.00 | |
| South Boston Savings Bank | | 150,000.00 | 150,000.00 | |
| Union Savings Bank | | 150,000.00 | 150,000.00 | |
| Westfield Savings Bank | | 50,000.00 | 50,000.00 | |
| Total Deposits | | 600,000.00 | 600,000.00 | |

| Account | Debit (Dr) | Credit (Cr) | Balance (Dr) |
|-----------------------------|------------|-------------|--------------|
| 1. Balance forward | | | 10,000.00 |
| 2. Cash | 5,000.00 | | 15,000.00 |
| 3. Accounts payable | | 2,000.00 | 13,000.00 |
| 4. Inventory | 3,000.00 | | 10,000.00 |
| 5. Prepaid expenses | 2,000.00 | | 8,000.00 |
| 6. Equipment | 10,000.00 | | (2,000.00) |
| 7. Accumulated depreciation | | 5,000.00 | 3,000.00 |
| 8. Accounts receivable | | 15,000.00 | 18,000.00 |
| 9. Notes payable | | 10,000.00 | 8,000.00 |
| 10. Retained earnings | | 10,000.00 | 18,000.00 |
| 11. Dividends | 1,000.00 | | 17,000.00 |
| 12. Sales | | 20,000.00 | 37,000.00 |
| 13. Cost of sales | 15,000.00 | | 22,000.00 |
| 14. Selling expenses | 2,000.00 | | 20,000.00 |
| 15. Administrative expenses | 3,000.00 | | 17,000.00 |
| 16. Interest expense | 1,000.00 | | 16,000.00 |
| 17. Income tax expense | 2,000.00 | | 14,000.00 |
| 18. Net income | | 10,000.00 | 24,000.00 |
| 19. Balance forward | | | 24,000.00 |

December 31, 1964

Securities (Bonds and Notes)

Military Service

| Description | Rate
(Per
Cent) | Par Value | Amortized Value
December 31, 1964 | Accrued Interest
December 31, 1964 |
|--------------------|-----------------------|------------|--------------------------------------|---------------------------------------|
| U. S. Treas. Bonds | 2 3/4 | 271,000.00 | 273,260.81 | 1,863.13 |
| U. S. Treas. Bonds | 3 1/4 | 55,000.00 | 54,451.47 | 74.48 |
| U. S. Treas. Bonds | 3 3/8 | 14,000.00 | 14,000.00 | 59.06 |
| U. S. Treas. Bonds | 3 1/2 | 15,000.00 | 15,461.74 | 73.12 |
| U. S. Treas. Bonds | 3 5/8 | 50,000.00 | 50,000.00 | 226.56 |
| U. S. Treas. Bonds | 4 | 100,000.00 | 99,008.87 | 1,500.00 |
| U. S. Treas. Bills | 3.726 | 29,434.80 | 29,434.80 | 235.50 |
| Total | | 534,434.80 | 535,697.69 | 4,031.85 |

Deposits:

| | | |
|--|-----------|-----------|
| Peoples Federal Savings
and Loan Assoc. | 65,000.00 | 65,000.00 |
| Total Deposits | 65,000.00 | 65,000.00 |

Table 1. Summary of the data

| Year | Month | Day | Time | Location |
|------|-------|-----|-------|-----------|
| 2010 | Jan | 1 | 08:00 | Station 1 |
| 2010 | Jan | 2 | 08:00 | Station 1 |
| 2010 | Jan | 3 | 08:00 | Station 1 |
| 2010 | Jan | 4 | 08:00 | Station 1 |
| 2010 | Jan | 5 | 08:00 | Station 1 |
| 2010 | Jan | 6 | 08:00 | Station 1 |
| 2010 | Jan | 7 | 08:00 | Station 1 |
| 2010 | Jan | 8 | 08:00 | Station 1 |
| 2010 | Jan | 9 | 08:00 | Station 1 |
| 2010 | Jan | 10 | 08:00 | Station 1 |
| 2010 | Jan | 11 | 08:00 | Station 1 |
| 2010 | Jan | 12 | 08:00 | Station 1 |
| 2010 | Jan | 13 | 08:00 | Station 1 |
| 2010 | Jan | 14 | 08:00 | Station 1 |
| 2010 | Jan | 15 | 08:00 | Station 1 |
| 2010 | Jan | 16 | 08:00 | Station 1 |
| 2010 | Jan | 17 | 08:00 | Station 1 |
| 2010 | Jan | 18 | 08:00 | Station 1 |
| 2010 | Jan | 19 | 08:00 | Station 1 |
| 2010 | Jan | 20 | 08:00 | Station 1 |
| 2010 | Jan | 21 | 08:00 | Station 1 |
| 2010 | Jan | 22 | 08:00 | Station 1 |
| 2010 | Jan | 23 | 08:00 | Station 1 |
| 2010 | Jan | 24 | 08:00 | Station 1 |
| 2010 | Jan | 25 | 08:00 | Station 1 |
| 2010 | Jan | 26 | 08:00 | Station 1 |
| 2010 | Jan | 27 | 08:00 | Station 1 |
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| 2010 | Jan | 30 | 08:00 | Station 1 |
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| 2010 | Jan | 67 | 08:00 | Station 1 |
| 2010 | Jan | 68 | 08:00 | Station 1 |
| 2010 | Jan | 69 | 08:00 | Station 1 |
| 2010 | Jan | 70 | 08:00 | Station 1 |
| 2010 | Jan | 71 | 08:00 | Station 1 |
| 2010 | Jan | 72 | 08:00 | Station 1 |
| 2010 | Jan | 73 | 08:00 | Station 1 |
| 2010 | Jan | 74 | 08:00 | Station 1 |
| 2010 | Jan | 75 | 08:00 | Station 1 |
| 2010 | Jan | 76 | 08:00 | Station 1 |
| 2010 | Jan | 77 | 08:00 | Station 1 |
| 2010 | Jan | 78 | 08:00 | Station 1 |
| 2010 | Jan | 79 | 08:00 | Station 1 |
| 2010 | Jan | 80 | 08:00 | Station 1 |
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| 2010 | Jan | 85 | 08:00 | Station 1 |
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| 2010 | Jan | 87 | 08:00 | Station 1 |
| 2010 | Jan | 88 | 08:00 | Station 1 |
| 2010 | Jan | 89 | 08:00 | Station 1 |
| 2010 | Jan | 90 | 08:00 | Station 1 |
| 2010 | Jan | 91 | 08:00 | Station 1 |
| 2010 | Jan | 92 | 08:00 | Station 1 |
| 2010 | Jan | 93 | 08:00 | Station 1 |
| 2010 | Jan | 94 | 08:00 | Station 1 |
| 2010 | Jan | 95 | 08:00 | Station 1 |
| 2010 | Jan | 96 | 08:00 | Station 1 |
| 2010 | Jan | 97 | 08:00 | Station 1 |
| 2010 | Jan | 98 | 08:00 | Station 1 |
| 2010 | Jan | 99 | 08:00 | Station 1 |
| 2010 | Jan | 100 | 08:00 | Station 1 |

Insurance Company Stocks

2022

Description

as of December 31, 1964

Hanover Insurance Co.

91,850.00

91,850.00

Total:

91,850.00

91,850.00

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SCHOOL BUILDING ASSISTANCE COMMISSION

YEAR ENDING JUNE 30, 1965

PROJECTS APPROVED

As of June 30, 1965, the Commission had approved 1,343 school construction projects, 323 in 38 cities, 961 in 269 towns, 56 in 43 regional school districts, and 3 in 3 counties. The total of the estimated approved costs (exclusive of the costs of site acquisition) of these 1,343 projects is about \$969,800,000; the total state aid will be about \$381,100,000.

STATE CONSTRUCTION GRANTS

As of June 30, 1965, the Commission had certified payments of \$145,336,643.42 on 1,297 approved projects, 312 in 38 cities, 928 in 268 towns, 55 in 43 regional school districts, and 2 in 2 counties. The total of the estimated approved costs of these 1,297 projects is about \$923,400,000; the total state aid will be about \$357,300,000.

REGIONAL SCHOOL DISTRICTS

As of June 30, 1965, fifty-six regional school districts had been established in Massachusetts. Three were established since July 1, 1964. Forty-one regional schools were in operation, of which fifteen had additions completed or under construction; five new regional schools were under construction; eight were at various planning stages; and two regional school districts were defunct.

LEGISLATION

Chapter 572 of the Acts of 1965 was approved by Governor Volpe on June 28, 1965. Section 42 of this act abolishes the School Building Assistance Commission and transfers its powers, duties, liabilities, and employees to the Department of Education; this section is to take effect upon the appointment of the initial members of the new eleven member Board of Education.

UNITED STATES DEPARTMENT OF AGRICULTURE

WASHINGTON, D. C. 20250

MEMORANDUM FOR THE RECORD

On May 15, 1965, the Department of Agriculture received a letter from the National Academy of Sciences, National Research Council, dated May 12, 1965, regarding the proposed establishment of a new research program in the field of plant physiology. The letter stated that the National Academy of Sciences, National Research Council, had been asked by the National Science Foundation to conduct a study of the proposed program and to report on its findings. The letter also stated that the National Academy of Sciences, National Research Council, had been asked to conduct a study of the proposed program and to report on its findings.

RESEARCH PROGRAM PROPOSED

The proposed research program is in the field of plant physiology, specifically in the area of plant growth and development. The program is proposed to be conducted by the National Academy of Sciences, National Research Council, and is intended to be a long-term study of the effects of various factors on plant growth and development. The program is intended to be a long-term study of the effects of various factors on plant growth and development.

RESEARCH PROGRAM PROPOSED

The proposed research program is in the field of plant physiology, specifically in the area of plant growth and development. The program is proposed to be conducted by the National Academy of Sciences, National Research Council, and is intended to be a long-term study of the effects of various factors on plant growth and development. The program is intended to be a long-term study of the effects of various factors on plant growth and development.

RESEARCH PROGRAM PROPOSED

The proposed research program is in the field of plant physiology, specifically in the area of plant growth and development. The program is proposed to be conducted by the National Academy of Sciences, National Research Council, and is intended to be a long-term study of the effects of various factors on plant growth and development. The program is intended to be a long-term study of the effects of various factors on plant growth and development.

RECEIVED

SEP 29 1965

OFFICE OF
DIRECTOR, RESEARCH AND STATISTICS

ANNUAL REPORT

DIVISION OF SCHOOL LUNCH PROGRAMS

Year Ending June 30, 1965

The National School Lunch Act states "It is hereby declared to be the policy of Congress as a measure of national security to safeguard the health and well-being of the Nation's children and to encourage domestic consumption of nutritious agricultural commodities and other food by assisting the States through grants in-aid and other means, in providing an adequate supply of foods and other facilities for the establishment maintenance, operation and expansion of non-profit school lunch programs."

To carry out the intent of the act the Office of School Lunch provides the greatest possible service by utilizing all practicable resources-distributing Section 6 and 32 commodities, personal contacts with school authorities, record keeping, auditing and accounting, operation of workshops for instruction and demonstration, nutrition consultants, approval of equipment to be purchased, consultation and approval of that portion of the building plans relating to the food service facilities.

This office has the following sections which carry out the above tasks, Accounting, Administration, Auditing, Distribution and Nutrition.

The Legislative authority for the administration and operation of the National School Lunch Program in the Commonwealth of Massachusetts by the Department of Education and the cities and towns of the Commonwealth is contained in Chapter 548 of the Acts of 1948 as amended. This act was designed to implement the operation of the School Lunch Programs in the Schools of the Commonwealth under the provisions of the National School Lunch Act and to provide, as necessary, funds to supplement Federal funds. The Office of School Lunch Programs, with the approval of the Commissioner, shall designate rules and regulations governing the operation of the program and shall require such audits, surveys and Administrative reviews as may be necessary to determine whether the agreements and other regulations are being complied with and to ascertain that school lunch programs are effectively executed.

The school enrollment continues to increase which necessitates building new schools with cafeterias so that the fiscal year of July 1, 1964 to June 30, 1965 shows great expansion for the three programs, Direct Distribution, Special Milk and School Lunch.

As in former years the program operation continues to improve in that the meals are more nutritionally balanced and the use of the United States Department of Agriculture commodities has been expanded. This

office has offered many services which have been accepted by school administrators and school lunch personnel. Acceptance by school administrators of the philosophy that the school lunch is part of educational program has contributed to the growth and financial support of the program. It is to be noted that this acceptance reveals a greater number of cities and towns are now assuming the salaries of school lunch supervisors as well as paying for rent, light and equipment.

This is the fourteenth year that the State Legislature, through the enactment of Chapter 538 has provided for the payment of deficiencies between the amounts available for the Federal allotments and the maximum amounts which could be paid to schools. Through this enactment it has been made possible to establish a cash reimbursement policy of \$.09 for all type "A" meals. For the Fiscal Year 1965 \$3,816,015.93 was paid to the schools in reimbursement payments from the State School Lunch Partial Assistance Appropriations.

Although the cost of food is rising and salary increases have been granted to school personnel the price of the "A" meal to the children remains at 25¢. This has been possible because of the large quantities of commodities purchased by the United States Department of Agriculture. Other than the usual amount of frozen turkey and chicken purchases, frozen ground beef and roasts were purchased in such large quantities that they were available for the entire school year.

ADMINISTRATION SECTION

In this fiscal year we were without the services of two field nutritionists and had to request the supervisors in some of the larger programs to complete Administrative Reviews for their programs. Combining the reviews of our nutritionists and school supervisors the total for the year was 502. We are required to complete 462 Administrative Reviews by the United States Department of Agriculture.

All the field auditors positions have been filled resulting in our being able to audit school lunch programs in all sections of the state as well as assisting the school lunch personnel in properly completing records and reports. One position of field nutritionist in Worcester County has been vacant for most of the year. This position has been filled so our nutritionists are available to serve all the schools in the various counties in the state. The position of Supervisor of Education is still unfilled. It has been a very difficult year to obtain typists and stenographers for the state office. This problem was temporarily alleviated in May when three girls were obtained for the summer months.

There has been considerable expansion in the distribution of commodities to the needy. The City of Boston with a caseload of 20,000 families

opened their first distribution center in April. Since this time three more centers have opened in various parts of the city. The cities of Gardner, Malden, Cambridge and Easthampton are also new in the program. This makes a total of eighteen cities or towns now in the program.

The printing section made a total of 1, 673, 850 impressions during the fiscal year.

This year the Federal Government sponsored a so called Anti-Poverty Program from which originated the Headstart Program to benefit children who would be entering school in September. This program has multi-purposes but primarily to acquaint the children with school work in the first grade, learn to plan and study with other children etc. These children are usually from families with an income of less than \$3, 000. 00.

If the Program is sponsored by the school department and a Type "A" meal is served this office will allow a reimbursement of \$. 09 for each meal served as well as issue the commodities that are available. For all milk served (other than with the "A") two cents will be reimbursed. If the sponsor is other than the school department it is given the classification of a Child Care Program which will entitle them to the two cents for each half pint of milk served and whatever commodities they can use. As June is the first month for this program we do not know how extensive it will be but early indications are that every city and the large size towns will participate.

During the year this section performed all duties and functions relating to the operation, supervision and responsibility of the programs, under the guidance of the United States Department of Agriculture.

ACCOUNTING, AUDIT AND STATISTICAL SECTION

During the 1965 fiscal year 2, 671 public and private schools throughout the state submitted monthly claims for reimbursement. These claims were audited and approved for payment by our internal audit staff. Invoice warrants were prepared, authorizing the State Treasurer to issue approximately 900 checks each month.

This office has contracts with 309 sponsoring agencies, who, during the summer period, maintain Summer Camps, Day Camps, Nursery Schools, and Child-care Centers. These non-profit organizations received reimbursement for each half-pint of milk served to children.

The Federal-State plan of operation requires that every school program be analyzed once a year to ascertain whether or not an excess balance of funds has accrued to each program. To comply with this requirement, the internal auditors must compile an Income Statement and

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Balance Sheet for each program. These statements are used as a basis for assigning our field auditors.

An annual statistical report was prepared and edited by this office which compiled the participation percentages in the National School Lunch Program and Special Milk Program for every city and town. The figures for each community were grouped according to the fourteen counties. The report reflects data on the following items: average daily attendance; total lunches served; total half-pints of milk served; total reimbursement payments to each city and town; and the total weight and value of United States Department of Agriculture commodities for the fiscal year ending June 30, 1964.

The average State-wide participation percentage for lunches was 65.25% and 94.41% for milk.

The Statistical report was sent to all Superintendents of Schools, and provides them with an opportunity to compare statistics for their community with others of like size. This report contains valuable information when fiscal and other program policies are being considered locally.

During the fiscal year, 135 audits were completed by our field auditors. In some audits, it was necessary to prepare detailed food analysis, determining the quantity of food used and prices paid. This procedure was followed to insure that the program under audit had purchased sufficient foods, by type, to comply with National School Lunch regulations.

A copy of the auditor's findings, in summary form, was returned to each Superintendent together with a letter indicating to the Superintendent that the profit or loss from operations, the net worth of the program, the percentage of participation, the ratio of food, labor and other expenses to a dollar of income. Also, any program deficiencies were outlined in this letter.

In addition to auditing lunch programs, the field auditors visit schools serving milk only, and summer camps in order to review the operations for compliance under the Special Milk Program.

The field auditors attended two one-week seminars at the University of Massachusetts and Stonehill College as well as a three day School Lunch Workshop in Boston. By attendance at these functions, the auditors were able to assist those in attendance in their individual fiscal problems as well as assisting in the many chores necessary to a successful meeting.

During the 1965 fiscal year, 2,671 schools participated in the National

School Lunch and/or Special Milk Program, representing 338 cities and towns in the Commonwealth out of 351 or a program average of 96.2%.

Under the National School Lunch Program, 72,883,849 "Type A" Lunches were served to the children during the 1965 fiscal year. This represents a gain of 5,923,146 "Type A" Lunches or an increase of 8.8% over the 1964 fiscal year. Cash reimbursements for the number of lunches served during the same period amounted to \$6,457,958.35 or 9.2% increase over the prior fiscal year.

A total of \$3,713,407.35 or 57.5% was expended from State appropriations in the payment of School Lunch Claims, with the remaining \$2,744,551.00 or 42.5% from Federal allotments.

Under the Special Milk Program, 107,542,788 half-pints of whole, white, unflavored milk served to children as a separately priced item. This figure does not include 72,874,200 half-pints served as a part of the "Type A" lunch.

A total of \$102,608.58 or 2.9% was expended from State appropriations in the payment of Special Milk Program claims, with the remaining \$3,336,697.28 or 97.1% from Federal Allotments.

For both programs, National School Lunch Program and Special Milk Program, \$9,897,264.21 was expended from Federal-State funds in the payment of claims to schools in the Commonwealth representing an increase of \$501,772.38 or 5.3% over the 1964 fiscal year.

Table I indicates the comparative figures for the 1943-1944 (first year of the program) and the 1950-1951 to the 1964-1965 fiscal years, in public and private schools combined.

Table II indicates the scope of the National School Lunch, Special Milk, and Commodity Distribution Programs as it pertains to income from all sources connected with the program.

COMMODITY DISTRIBUTION SECTION

The Commodity Distribution Program functions are to secure, store and distribute commodities made available by the United States Department of Agriculture to Schools, Institutions, Child Care Centers, Summer Camps, and Welfare Departments. These foods must be distributed in accordance with rules and regulations, set up by the Federal and State Governments.

To comply with the regulations, we have four warehouses located in three cities to provide storage for the cars of commodities that require

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either dry or cold storage.

A schedule is maintained showing the maximum amount of a commodity that is allowed per child or per person. This schedule is the guide used when monthly commodity orders are filled. Restricting the quantity wanted, in proportion to the amount in inventory, the stock in the storeroom will be held to a minimum, thereby preventing deterioration and spoilage at the school or institution.

In the 1964-65 fiscal year, the total amount of commodities distributed was 32,331,066 pounds having a value of \$11,824,716.10. This represents 834 freight cars and truckload shipments arriving at our warehouses in various sections of the state, an increase of 136 cars over the prior year.

The United States Department of Agriculture purchased larger quantities of Frozen Turkeys, Frozen Cut-Up chickens, and Frozen Boneless Beef. These high protein foods are the most desired as well as the most helpful from a financial stand point.

The commodities distributed in Fiscal Year 1965 to all categories by this office included.

| | | |
|-------------------------|--------------------|------------------------|
| Butter, Print | Fresh Plums | Cd. Green Beans |
| Cheese, Natural | Cd. Purple Plums | Cd. Corn |
| Cheese, Processed | Date Pieces | Cd. Ripe Pitted Olives |
| Lard | Cd. Peaches | Milled Rice |
| Margarine | Cd. Pineapple | Dr. Pea Beans |
| Frozen Turkeys | Cd. Red Cherries | Bread Flour |
| Frozen Cut-Up Chickens | Cd. Apricots | A. P. Flour |
| Frozen Boneless Beef | Cd. Applesauce | W. W. Flour |
| Frozen Boneless Roast | Cd. Sliced Apples | Rolled Wheat |
| Cd. Boned Chicken | Cd. Dr. Prunes | Corn Meal |
| Cd. Chopped Meat | Cd. Green Peas | Corn Grits |
| Cd. Pork in Nat. Juices | Cd. Sweet Potatoes | Dr. Eggs |
| Cd. Beef w/ Nat. Juices | Cd. Tomatoes | Dr. Milk |
| Cd. Peanut Butter | Cd. Tomato Paste | Dr. Split Peas |

The first of these is the fact that the data is not normally distributed. This is evident from the fact that the data is skewed to the right, with a long tail of high values. This is a problem because the normal distribution is the basis for many statistical tests, and if the data is not normally distributed, these tests may not be valid.

The second problem is that the data is not independent. This is evident from the fact that the data is correlated, with values at one time point being related to values at other time points. This is a problem because many statistical tests assume that the data is independent, and if the data is not independent, these tests may not be valid.

The third problem is that the data is not stationary. This is evident from the fact that the data is non-constant, with values changing over time. This is a problem because many statistical tests assume that the data is stationary, and if the data is not stationary, these tests may not be valid.

The fourth problem is that the data is not normally distributed. This is evident from the fact that the data is skewed to the right, with a long tail of high values. This is a problem because the normal distribution is the basis for many statistical tests, and if the data is not normally distributed, these tests may not be valid.

| | | |
|-----|-----|-----|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| 10 | 11 | 12 |
| 13 | 14 | 15 |
| 16 | 17 | 18 |
| 19 | 20 | 21 |
| 22 | 23 | 24 |
| 25 | 26 | 27 |
| 28 | 29 | 30 |
| 31 | 32 | 33 |
| 34 | 35 | 36 |
| 37 | 38 | 39 |
| 40 | 41 | 42 |
| 43 | 44 | 45 |
| 46 | 47 | 48 |
| 49 | 50 | 51 |
| 52 | 53 | 54 |
| 55 | 56 | 57 |
| 58 | 59 | 60 |
| 61 | 62 | 63 |
| 64 | 65 | 66 |
| 67 | 68 | 69 |
| 70 | 71 | 72 |
| 73 | 74 | 75 |
| 76 | 77 | 78 |
| 79 | 80 | 81 |
| 82 | 83 | 84 |
| 85 | 86 | 87 |
| 88 | 89 | 90 |
| 91 | 92 | 93 |
| 94 | 95 | 96 |
| 97 | 98 | 99 |
| 100 | 101 | 102 |

MASTER SHEET OF WEIGHTS AND VALUE

July 1, 1964 - June 30, 1965

| | <u>POUNDS</u> | <u>VALUE</u> |
|---------------------------------|-------------------|------------------------|
| Public Schools | 22,500,996 | \$9,101,771.15 |
| State Schools | 1,554,007 | 418,154.20 |
| Private and Public Institutions | 1,435,471 | 450,068.25 |
| State Institutions | 3,435,915 | 801,981.95 |
| Child Care and Summer Camps | 587,665 | 190,830.55 |
| Welfare | 2,817,012 | 861,910.00 |
| | <u>32,331,066</u> | <u>\$11,824,716.10</u> |

The Caseload in schools and summer camps continue to show an increase. The Direct Distribution Program Welfare serving the Needy Families is now serving commodities to 51,571 needy persons compared to last years figure of 14,938 needy persons.

NUTRITION SECTION

The Nutrition Section, as in past years, continued to promote greater student participation in the lunch programs and to encourage more nutrition education activities in classrooms through administrative reviews, training programs and public relations.

The staff of Nutritionists completed 332 Administrative Reviews and lunch analyses. To complete these reviews, lunch programs are visited, evaluated and technical assistance or advice is given to the school administrators, teachers and school lunch personnel wherever needed to improve, enhance or promote the program.

In order to extend the number of schools reviewed this year, a project which is successful in many other states, was tried on an experimental basis. Administrative reviews and lunch analyses were sent to a selected list of school lunch supervisors for them to analyze their own programs.

The results were favorable and 170 reviews were returned. Because of these, a total of 502 schools were reviewed during the year.

| Variable | Mean | Standard Deviation |
|-----------------------|------|--------------------|
| Age (years) | 25.5 | 3.2 |
| Gender | 1.5 | 1.0 |
| Education level | 1.5 | 1.0 |
| Income (USD) | 15.5 | 5.2 |
| Marital status | 1.5 | 1.0 |
| Health status | 1.5 | 1.0 |
| Employment status | 1.5 | 1.0 |
| Living arrangement | 1.5 | 1.0 |
| Religious affiliation | 1.5 | 1.0 |
| Political affiliation | 1.5 | 1.0 |
| Volunteer status | 1.5 | 1.0 |

The data were collected from a survey of 1000 individuals. The survey was conducted in a random manner, and the results are presented in the table above. The data were collected from a survey of 1000 individuals. The survey was conducted in a random manner, and the results are presented in the table above.

RESULTS

The first result is that the majority of the sample is young adults, with a mean age of 25.5 years. The second result is that the majority of the sample is female, with a mean of 1.5 on the gender scale.

The third result is that the majority of the sample is single, with a mean of 1.5 on the marital status scale. The fourth result is that the majority of the sample is employed, with a mean of 1.5 on the employment status scale.

The fifth result is that the majority of the sample is living with family, with a mean of 1.5 on the living arrangement scale. The sixth result is that the majority of the sample is of no religious affiliation, with a mean of 1.5 on the religious affiliation scale.

The seventh result is that the majority of the sample is of no political affiliation, with a mean of 1.5 on the political affiliation scale. The eighth result is that the majority of the sample is not a volunteer, with a mean of 1.5 on the volunteer status scale.

One of the most important functions of the Nutrition section is to plan, promote and execute training programs to provide technical knowledge to school lunch personnel enabling them to keep abreast with current needs and to progress with their growing responsibilities.

In August, the first summer training program for cooks, bakers and general workers was inaugurated and conducted for one week on the campus of Stonehill College, North Easton. It was an unique program open to public, private and parochial schools sponsored by the Office of School Lunch Programs and the Archdiocese of Boston in cooperation with the Food Research Center at Stonehill College.

"Training Makes The Difference" was the theme of the conference and featured baking and food preparation demonstrations by two outstanding personalities. Mr. Joseph Amendola, Dean, Culinary Institute of America, New Haven, Connecticut presented the baking demonstrations and Mr. Lois M. Bartenbach, Research Chef, General Foods Corporation, New York, presented the food preparation demonstrations.

A capacity audience of 300 attended the conference and we are hopeful that this will become an annual training program for general school lunch workers.

In October, eight School Lunch Meetings were held in conjunction with the County Teachers Association Meetings. The theme of the meetings was "Expanding the School Lunch Program". Demonstrations and lectures stressed the importance of expanding the lunch program to reach more students and illustrated how this could be achieved.

In April, our plans for the annual 3 day Area Spring Workshops were altered to fit the needs of the communities. As many cities and towns in Western and Central Massachusetts did not close for a week s vacation, it was necessary to conduct 1/2 day "Compact Size" Workshops in Berkshire, Hampden, Franklin, Hampshire and Worcester Counties.

In Boston, a three day workshop was held with an audience of 616 persons. This workshop carried on the theme "Expanding the School Lunch Program" and featured demonstrations, panel discussions and information on nutrition activities.

The Summer Conference for Supervisors and Managers was held at the University of Massachusetts during the week of June 28 - July 2, 1965.

"Functions of School Food Service Management" was the theme of this Conference. Enrolled in either the Advanced Course, First Year Course or Basic Course, 170 Supervisors and Managers completed the

courses and were awarded certificates at the conclusion of the Conference.

Another form of supplementary training and instruction for School Lunch Personnel is provided by the Massachusetts School Lunch Newsletter which is edited by the Nutrition Section and mailed to 1800 school administrators and school lunch personnel each month. In this publication are articles pertinent to the efficient management of school lunch rooms, menu and recipe suggestions, news of government donated foods, accounting notes, reports of nutrition education projects and stories of local color and interest.

The Nutritionists continue to cooperate with Superintendents, building committees architects and kitchen consultants in offering assistance with plans, layouts and equipment in order to give the communities the most functional food service facilities for long range efficiency and economy in meeting their present and future needs.

This year the Regulations Governing the Operation of the National School Lunch Program, issued by this office, included a paragraph requesting that first and final drafts of new food services facilities be submitted to this office for review, comment and approval. Plans for 60 schools were received and reviewed during the year.

The story of the school lunch program was effectively told to the public when all communities throughout the Commonwealth joined in celebrating National School Lunch Week.

The seven day period beginning on the second Sunday of October in each year has been designated by proclamation as National School Lunch Week to be observed with ceremonies and activities designed to increase the public understanding and awareness of the significance of the school lunch program to the child, to the home, to the farm, to industry and to the Nation.

Other efforts to increase public relations were made by the Nutrition Staff by participating in local television programs, addressing Parent-Teacher Associations, business men's organizations, student assemblies and serving on inter-agency nutrition study committees and anti-poverty program committees.

ATTENDANCE AT TRAINING PROGRAM
1955 - 1965

| <u>Year</u> | <u>County S. L.
Meetings</u> | <u>Spring Workshops</u> | | | <u>Summer Conferences</u> | |
|-------------|----------------------------------|-------------------------|-------------------|-------------------|---------------------------|-------------------|
| | | <u>Eastern</u> | <u>Central</u> | <u>Western</u> | <u>Univ. of Mas</u> | <u>Stonehill</u> |
| 1955-56 | 1209 | | | | 236 | |
| 1956-57 | 1473 | 558* ¹ | | | 198 | |
| 1957-58 | 1512 | 428 | | 177* ² | 211 | |
| 1958-59 | 1709 | 470 | | 153 | 279 | |
| 1959-60 | 2000 | 364 | | 146 | 350 | |
| 1960-61 | 2500 | 439 | | 326 | 210* ³ | |
| 1961-62 | 2150 | 540 | | 281 | 185 | |
| 1962-63 | 2293 | 466 | 179* ⁴ | 233 | 189 | |
| 1963-1964 | 2034 | 554 | 198 | 235 | 140 | |
| 1964-1965 | 2287 | 616 | * ⁵ | * ⁵ | 170 | 300* ⁶ |

*¹ First Spring Workshop

*² First Spring Workshop in Western Area

*³ Location of Conference changed from Fitchburg State College to University of Massachusetts. Enrollment limited to Supervisors Managers only.

*⁴ First Spring Workshop in Central Area

*⁵ No Spring vacations in schools in these areas.

*⁶ First Summer Conference for General Workers.

STATE OF NEW YORK DEPARTMENT OF TAXATION AND FINANCE

| Year | 1981 | 1982 | 1983 | 1984 | 1985 |
|---------|------|------|------|------|------|
| 1981-82 | 100 | 100 | 100 | 100 | 100 |
| 1982-83 | 100 | 100 | 100 | 100 | 100 |
| 1983-84 | 100 | 100 | 100 | 100 | 100 |
| 1984-85 | 100 | 100 | 100 | 100 | 100 |
| 1985-86 | 100 | 100 | 100 | 100 | 100 |
| 1986-87 | 100 | 100 | 100 | 100 | 100 |
| 1987-88 | 100 | 100 | 100 | 100 | 100 |
| 1988-89 | 100 | 100 | 100 | 100 | 100 |
| 1989-90 | 100 | 100 | 100 | 100 | 100 |
| 1990-91 | 100 | 100 | 100 | 100 | 100 |
| 1991-92 | 100 | 100 | 100 | 100 | 100 |
| 1992-93 | 100 | 100 | 100 | 100 | 100 |
| 1993-94 | 100 | 100 | 100 | 100 | 100 |
| 1994-95 | 100 | 100 | 100 | 100 | 100 |
| 1995-96 | 100 | 100 | 100 | 100 | 100 |
| 1996-97 | 100 | 100 | 100 | 100 | 100 |
| 1997-98 | 100 | 100 | 100 | 100 | 100 |
| 1998-99 | 100 | 100 | 100 | 100 | 100 |
| 1999-00 | 100 | 100 | 100 | 100 | 100 |
| 2000-01 | 100 | 100 | 100 | 100 | 100 |
| 2001-02 | 100 | 100 | 100 | 100 | 100 |
| 2002-03 | 100 | 100 | 100 | 100 | 100 |
| 2003-04 | 100 | 100 | 100 | 100 | 100 |
| 2004-05 | 100 | 100 | 100 | 100 | 100 |
| 2005-06 | 100 | 100 | 100 | 100 | 100 |
| 2006-07 | 100 | 100 | 100 | 100 | 100 |
| 2007-08 | 100 | 100 | 100 | 100 | 100 |
| 2008-09 | 100 | 100 | 100 | 100 | 100 |
| 2009-10 | 100 | 100 | 100 | 100 | 100 |
| 2010-11 | 100 | 100 | 100 | 100 | 100 |
| 2011-12 | 100 | 100 | 100 | 100 | 100 |
| 2012-13 | 100 | 100 | 100 | 100 | 100 |
| 2013-14 | 100 | 100 | 100 | 100 | 100 |
| 2014-15 | 100 | 100 | 100 | 100 | 100 |
| 2015-16 | 100 | 100 | 100 | 100 | 100 |
| 2016-17 | 100 | 100 | 100 | 100 | 100 |
| 2017-18 | 100 | 100 | 100 | 100 | 100 |
| 2018-19 | 100 | 100 | 100 | 100 | 100 |
| 2019-20 | 100 | 100 | 100 | 100 | 100 |
| 2020-21 | 100 | 100 | 100 | 100 | 100 |
| 2021-22 | 100 | 100 | 100 | 100 | 100 |
| 2022-23 | 100 | 100 | 100 | 100 | 100 |
| 2023-24 | 100 | 100 | 100 | 100 | 100 |
| 2024-25 | 100 | 100 | 100 | 100 | 100 |
| 2025-26 | 100 | 100 | 100 | 100 | 100 |
| 2026-27 | 100 | 100 | 100 | 100 | 100 |
| 2027-28 | 100 | 100 | 100 | 100 | 100 |
| 2028-29 | 100 | 100 | 100 | 100 | 100 |
| 2029-30 | 100 | 100 | 100 | 100 | 100 |
| 2030-31 | 100 | 100 | 100 | 100 | 100 |
| 2031-32 | 100 | 100 | 100 | 100 | 100 |
| 2032-33 | 100 | 100 | 100 | 100 | 100 |
| 2033-34 | 100 | 100 | 100 | 100 | 100 |
| 2034-35 | 100 | 100 | 100 | 100 | 100 |
| 2035-36 | 100 | 100 | 100 | 100 | 100 |
| 2036-37 | 100 | 100 | 100 | 100 | 100 |
| 2037-38 | 100 | 100 | 100 | 100 | 100 |
| 2038-39 | 100 | 100 | 100 | 100 | 100 |
| 2039-40 | 100 | 100 | 100 | 100 | 100 |
| 2040-41 | 100 | 100 | 100 | 100 | 100 |
| 2041-42 | 100 | 100 | 100 | 100 | 100 |
| 2042-43 | 100 | 100 | 100 | 100 | 100 |
| 2043-44 | 100 | 100 | 100 | 100 | 100 |
| 2044-45 | 100 | 100 | 100 | 100 | 100 |
| 2045-46 | 100 | 100 | 100 | 100 | 100 |
| 2046-47 | 100 | 100 | 100 | 100 | 100 |
| 2047-48 | 100 | 100 | 100 | 100 | 100 |
| 2048-49 | 100 | 100 | 100 | 100 | 100 |
| 2049-50 | 100 | 100 | 100 | 100 | 100 |
| 2050-51 | 100 | 100 | 100 | 100 | 100 |
| 2051-52 | 100 | 100 | 100 | 100 | 100 |
| 2052-53 | 100 | 100 | 100 | 100 | 100 |
| 2053-54 | 100 | 100 | 100 | 100 | 100 |
| 2054-55 | 100 | 100 | 100 | 100 | 100 |
| 2055-56 | 100 | 100 | 100 | 100 | 100 |
| 2056-57 | 100 | 100 | 100 | 100 | 100 |
| 2057-58 | 100 | 100 | 100 | 100 | 100 |
| 2058-59 | 100 | 100 | 100 | 100 | 100 |
| 2059-60 | 100 | 100 | 100 | 100 | 100 |
| 2060-61 | 100 | 100 | 100 | 100 | 100 |
| 2061-62 | 100 | 100 | 100 | 100 | 100 |
| 2062-63 | 100 | 100 | 100 | 100 | 100 |
| 2063-64 | 100 | 100 | 100 | 100 | 100 |
| 2064-65 | 100 | 100 | 100 | 100 | 100 |
| 2065-66 | 100 | 100 | 100 | 100 | 100 |
| 2066-67 | 100 | 100 | 100 | 100 | 100 |
| 2067-68 | 100 | 100 | 100 | 100 | 100 |
| 2068-69 | 100 | 100 | 100 | 100 | 100 |
| 2069-70 | 100 | 100 | 100 | 100 | 100 |
| 2070-71 | 100 | 100 | 100 | 100 | 100 |
| 2071-72 | 100 | 100 | 100 | 100 | 100 |
| 2072-73 | 100 | 100 | 100 | 100 | 100 |
| 2073-74 | 100 | 100 | 100 | 100 | 100 |
| 2074-75 | 100 | 100 | 100 | 100 | 100 |
| 2075-76 | 100 | 100 | 100 | 100 | 100 |
| 2076-77 | 100 | 100 | 100 | 100 | 100 |
| 2077-78 | 100 | 100 | 100 | 100 | 100 |
| 2078-79 | 100 | 100 | 100 | 100 | 100 |
| 2079-80 | 100 | 100 | 100 | 100 | 100 |
| 2080-81 | 100 | 100 | 100 | 100 | 100 |
| 2081-82 | 100 | 100 | 100 | 100 | 100 |
| 2082-83 | 100 | 100 | 100 | 100 | 100 |
| 2083-84 | 100 | 100 | 100 | 100 | 100 |
| 2084-85 | 100 | 100 | 100 | 100 | 100 |
| 2085-86 | 100 | 100 | 100 | 100 | 100 |
| 2086-87 | 100 | 100 | 100 | 100 | 100 |
| 2087-88 | 100 | 100 | 100 | 100 | 100 |
| 2088-89 | 100 | 100 | 100 | 100 | 100 |
| 2089-90 | 100 | 100 | 100 | 100 | 100 |
| 2090-91 | 100 | 100 | 100 | 100 | 100 |
| 2091-92 | 100 | 100 | 100 | 100 | 100 |
| 2092-93 | 100 | 100 | 100 | 100 | 100 |
| 2093-94 | 100 | 100 | 100 | 100 | 100 |
| 2094-95 | 100 | 100 | 100 | 100 | 100 |
| 2095-96 | 100 | 100 | 100 | 100 | 100 |
| 2096-97 | 100 | 100 | 100 | 100 | 100 |
| 2097-98 | 100 | 100 | 100 | 100 | 100 |
| 2098-99 | 100 | 100 | 100 | 100 | 100 |
| 2099-00 | 100 | 100 | 100 | 100 | 100 |
| 2100-01 | 100 | 100 | 100 | 100 | 100 |

- 1. The Department of Taxation and Finance is responsible for the collection and distribution of state taxes.
- 2. The Department of Taxation and Finance is responsible for the collection and distribution of state taxes.
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- 8. The Department of Taxation and Finance is responsible for the collection and distribution of state taxes.
- 9. The Department of Taxation and Finance is responsible for the collection and distribution of state taxes.
- 10. The Department of Taxation and Finance is responsible for the collection and distribution of state taxes.

TABLE II

The National School Lunch Program was a \$50,597,481.18 business in the Commonwealth of Massachusetts for the 1964-1965 School Year

| SOURCE | FUNDS | PERCENTAGE |
|---|------------------------|---------------|
| Children's Payments | \$22,475,020.80 | 44.4% |
| National School Lunch Federal Grant | 2,744,551.00 | 5.5% |
| Special Milk Program Federal Grant | 3,336,697.28 | 6.6% |
| Market Value of U.S.D.A. Commodities | 9,519,925.00 | 18.8% |
| State School Lunch Partial Assistance Appropriation | 3,816,015.93 | 7.5% |
| City and Town Appropriated Funds | 5,064,859.00 | 10.0% |
| Other Income at School Level | <u>3,640,412.17</u> | <u>7.2%</u> |
| TOTAL | <u>\$50,597,481.18</u> | <u>100.0%</u> |

Note: This table does not include the value of equipment in the school lunchrooms used in the preparation, storage, or serving of food to children.

to all cases.

It is the duty of the physician to see that the patient is properly treated, and to see that the patient is properly cared for.

There is

1. The patient is in a state of health which is such as to require medical attention.

2. The patient is in a state of health which is such as to require medical attention.

3. The patient is in a state of health which is such as to require medical attention.

4. The patient is in a state of health which is such as to require medical attention.

5. The patient is in a state of health which is such as to require medical attention.

6. The patient is in a state of health which is such as to require medical attention.

7. The patient is in a state of health which is such as to require medical attention.

8. The patient is in a state of health which is such as to require medical attention.

9. The patient is in a state of health which is such as to require medical attention.

10. The patient is in a state of health which is such as to require medical attention.

to all cases.

There is

1. The patient is in a state of health which is such as to require medical attention.

2. The patient is in a state of health which is such as to require medical attention.

3. The patient is in a state of health which is such as to require medical attention.

4. The patient is in a state of health which is such as to require medical attention.

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7. The patient is in a state of health which is such as to require medical attention.

8. The patient is in a state of health which is such as to require medical attention.

9. The patient is in a state of health which is such as to require medical attention.

10. The patient is in a state of health which is such as to require medical attention.

It is the duty of the physician to see that the patient is properly treated, and to see that the patient is properly cared for.

TABLE I, COMPARATIVE FIGURES FOR THE 1943-44 to 1964-65 FISCAL YEAR

PUBLIC AND PRIVATE SCHOOLS COMBINED

| Fiscal Year | Cities and Towns | Number of Schools | Number of Lunches | Number of Half-Pints | Federal Grant | State Appropriation | City and Town Appropriated Funds | Pounds of USDA Commodities | Value of Commodities |
|-------------|------------------|-------------------|-------------------|----------------------|---------------|---------------------|----------------------------------|----------------------------|----------------------|
| 1943-44 | 128 | 964 | 2,629,953 | 13,583,023 | \$ 440,952 | \$ - | \$ - | 1,223,709 | \$ 103,537 |
| 1950-51 | 286 | 1,861 | 12,439,178 | 37,083,743 | 1,309,179 | - | 1,748,006 | 7,953,121 | 943,875 |
| 1951-52 | 289 | 1,905 | 16,328,262 | 49,441,611 | 1,445,523 | 635,022 | 1,988,749 | 3,440,700 | 817,881 |
| 1952-53 | 298 | 1,941 | 19,837,721 | 55,007,498 | 1,454,836 | 961,694 | 2,119,818 | 3,515,583 | 1,332,680 |
| 1953-54 | 304 | 1,960 | 22,955,755 | 62,005,634 | 1,463,888 | 1,293,496 | 2,268,614 | 6,284,834 | 2,008,555 |
| 1954-55 | 307 | 2,016 | 28,475,936 | 74,872,274 | 1,973,627 | 1,497,410 | 2,603,173 | 5,001,456 | 1,750,053 |
| 1955-56 | 314 | 2,222 | 30,514,111 | 92,463,817 | 3,565,047 | 1,083,002 | 2,570,368 | 5,791,200 | 1,916,455 |
| 1956-57 | 325 | 2,324 | 34,650,851 | 100,535,696 | 4,279,130 | 1,167,541 | 2,606,404 | 9,689,799 | 3,270,241 |
| 1957-58 | 329 | 2,392 | 39,052,560 | 117,379,257 | 4,271,452 | 1,695,447 | 2,816,504 | 8,284,721 | 2,361,281 |
| 1958-59 | 335 | 2,429 | 43,404,263 | 130,627,195 | 4,716,057 | 1,846,330 | 3,157,724 | 9,514,183 | 2,885,094 |
| 1959-60 | 336 | 2,490 | 48,127,303 | 138,562,136 | 4,749,525 | 2,340,704 | 3,834,469 | 10,993,479 | 3,501,769 |
| 1960-61 | 337 | 2,518 | 51,296,744 | 142,901,867 | 4,778,680 | 2,604,069 | 3,848,867 | 11,316,048 | 3,707,116 |
| 1961-62 | 338 | 2,614 | 57,835,566 | 158,973,568 | 5,329,977 | 2,979,937 | 4,276,688 | 20,953,007 | 5,112,134 |
| 1962-63 | 338 | 2,668 | 62,006,193 | 166,321,198 | 5,621,168 | 3,200,007 | 4,833,775 | 17,749,505 | 5,155,481 |
| 1963-64 | 338 | 2,684 | 66,960,703 | 175,565,402 | 5,906,177 | 3,489,315 | 4,875,468 | 17,281,279 | 5,680,578 |
| 1964-65 | 338 | 2,648 | 72,883,849 | 180,416,988 | 6,081,248 | 3,816,016 | 5,064,859 | 24,055,003 | 9,519,925 |

ANNUAL REPORT

Division of UNIVERSITY EXTENSION

Year Ending June 30, 1965



STAFF CABINET MEETS
with
Franklin P. Hawkes,
Director

(L to R.)
Walter Reavey, Class
Kelsey Sweatt, Aud. Vis.
Donald Geary, CDAE
Mary Prendergast, H.S.E.
Carlo Simeoli, Class
Robert Wentworth, Corresp.
(Otto Kiessling, abs.)

Fifty years ago, on May 28, 1915, His Excellency, David I Walsh, Governor of Massachusetts, signed into law the legislation establishing the Division of University Extension. James A. Moyer, the first Director of the Division, who took office September 15, 1915, stated in his twenty-fifth Report in 1941:-

"The evident intention of the framers of the legislation establishing Massachusetts University Extension was to set up a FLEXIBLE Organization that would lend itself to meeting whatever educational NEEDS adults might have that were not being served by other public agencies in the State ..."

Since this is really the Fiftieth Anniversary of the founding of the Division, it seems appropriate to include pictures with this report, and to have other observances suitable to an Anniversary. Several years ago, Miss Ursula K. Toomey, for forty-two years a devoted Supervisor in the Western Massachusetts area, prepared "A Brief History of the Activities of the Committee on University Extension of the Connecticut Valley Colleges, 1914-1958." Only one hundred copies were printed, and some are still available. In 1965, plans were made for a Fiftieth Anniversary Dinner on September 14, 1965 at the Massachusetts Institute of Technology Faculty Club with two hundred representatives from all over the Commonwealth. A Brochure entitled, "Fifty Years of Educational Service to Adults" was prepared by Miss Ellen Fitzpatrick, former Supervisor in the Correspondence Office, and issued to all persons present. Space does not permit of the inclusion in this report of the invaluable information in these two publications, but they are available on request.

The first type of State-supported adult education in Massachusetts was correspondence instruction, which was set up to meet the needs of men

women who could not attend classes at stated hours. Peter H. Maimonis, of 11 Central Street, Salem, was the first student to enroll, on January 15, 1916, in the correspondence course on Concrete and its Uses, which he completed in April, 1916; he then enrolled in the Plumbing Course, which he completed in September, 1916.

Extension classes in subjects not offered by the public school system began to be conducted in April, 1916 in various centers throughout Massachusetts, whenever practicable, in school or other local public buildings, and, in some cases in shops and factories for the accommodation of employees. Such classes were formed during 1916-1917 in the following subjects:

| | |
|---------------------------|--|
| Advanced Shop Arithmetic | Heating and Lighting for Janitors |
| Civics for Naturalization | Home Furnishing and Decoration |
| Civil Service | Industrial Accounting |
| Commercial Correspondence | Industrial Organization |
| Commercial Spanish | Italian |
| Educational Psychology | Lowell Institute Preparatory Mathematics |
| English Composition | Practical Applied Mathematics |
| Foods and Nutrition | Retail Salesmanship |
| Gasoline Automobiles | Spoken French |

No tuition fees were charged, but there were charges, payable in advance, for lesson pamphlets, stationery, and textbooks (any excess helped to defray traveling expenses of the instructor). The usual length of a correspondence course was 20 assignments; of a class, 20 meetings. The standard class period was 1 3/4 hours, and classes met once a week. Twenty registrations were required for the formation of a class, but study groups could be organized with 10 or more students.

In January, 1965, a special Weekly Bulletin was issued, which outlined the changes that have come about in the last fifty years, as follows:

"University Extension classes, both on-campus and off-campus, were offered until the state educational institutions became strong enough to take over their own programs. The two-year Normal Schools became four-year State Colleges; the Massachusetts Agricultural College became the University of Massachusetts in 1947; Regional Community Colleges were set up in the last few years; a new High School Equivalency Program was developed, governed by a Policies Committee, and requiring the completion of 16 high school units to receive the certificate; Adult Civic Education became a part of the Division of Civic Education in 1954; Educational Television, sponsored and promoted in part by our Office of Audio-Visual Services, was taken over by the Massachusetts Executive Committee on School Television; Area Centers to serve largely the high school equivalency candidates have been set up in 10 different regions of the state; Civil Defense Adult Education, under a Federal appropriation, has been organized to give courses in Personal and Family Survival; Driver Education in high schools is now supervised by the Division; and Licensing of Correspondence Schools has now become a function of the Division and the Department of Education."

"Along with this, FREE INSTRUCTION is provided to World War I and II and Korean Conflict Veterans, to Senior Citizens (over 65), and to inmates of State and County Institutions. The Legislature makes an annual appropriation of between \$275,000 and \$300,000 to cover the cost of permanent salaries, and

THE HISTORY OF THE

PROGRESS OF THE

ART OF PRINTING

IN GREAT BRITAIN

FROM THE FIRST

INVENTION OF THE ART

TO THE PRESENT

allows the Division to use from Receipts an amount up to \$400,000 to cover all other expenses. Fees range from 50¢ per classroom hour for high school and adult courses to \$13 per Semester Hour for College Grade Courses.

In the interest of brevity, it might be well to list as items the activities of the Division over the last fifty years, as they were more fully described in the Fiftieth Anniversary Brochure:

Many State Boards of Examiners and Licensing Boards co-operated in developing courses and setting standards for achievement.

Harvard College and the Massachusetts Institute of Technology placed a number of classrooms at the disposal of the University Extension classes.

Adult Civic Education instructional costs were re-imbursed for 50%.

Professional Improvement classes for teachers, with enrollments as high as 6,808 were organized in 58 cities and towns.

Instruction of adults by radio began in 1923, attaining as many as 2,276 enrollments, coming from every state, and from every province in Canada.

New requirements for College Grade Certificates were set up in 1927, and by November of that year 1,339 certificates were issued.

A policy of selling correspondence materials to societies, institutions, industries, and other organizations at cost, and reading and grading group papers at a nominal sum was begun during World War I.

Experts in educational and vocational guidance were engaged to conduct free guidance clinics for unemployed persons. Prospect Union Educational Exchange of Cambridge co-operated in such clinics, and continues to serve the public admirably today.

Preparation for various civil service examinations developed a large clientele, and continues to be a strong part of University Extension enrollments.

The Division co-operated with the Federal government in a Federal Adult Education Program, a Federal Nursery School Program, and a National Citizenship Education Program.

"Institutes" providing intensive instruction of short duration were established in various areas, and continue to be most helpful to adults in various types of vocations.

The Division was one of the 75 extension divisions chosen in 1942 to co-operate with the United States Armed Forces Institute in providing correspondence instruction to servicemen.

The radio educational program for young people, begun in March, 1944, developed into a "Listen and Learn Series," and was incorporated into school programs. It may well have been the forerunner of the "21-inch Classroom" in Television.

A testing service was established at the State Educational Building in Boston to enable high school equivalency candidates to take the General Educational Development Tests; another center was set up with the Springfield School Department to aid Western Massachusetts.

An invaluable study made by the Massachusetts Association of Teachers of Adults in co-operation with the Department of Education was published by the National Education Association.

An "Industrial Education Program" was set up with Fitchburg State College as a late afternoon and evening community college, with 75 enrolled, and with the first class graduating numbering 12 with an Associate in Science degree.

Summer Schools for high school students were set up in Fall River, Kingston, Westboro, and West Springfield, with over 2,000 students enrolled.

The state's first industrial sponsor of a high school equivalency program was set up at Metals and Controls, Inc., a corporate division of Texas Instruments, Inc., in Attleboro.

In cooperation with the Department of Health, Day Care Courses were set up in various communities to help Nursery and Day Care teachers obtain the necessary training in education required for a license.

The age for high school equivalency candidates was dropped from 20 to 18, but with a different set of requirements for the 18-19 year old group.

The Massachusetts Film Cooperative was set up with officers, and shows 92 School Systems, 10 State Colleges, 36 Libraries, and 205 communities served by the State Film Depository.

One cannot read the history of the development of University Extension without realizing that this flexible organization has been free to meet the needs of adults in all walks of life, - to experiment with courses, and to establish standards. Time after time, programs have been developed by the Division, have proved successful as well as popular, and have then been taken over by other institutions. It is quite fitting, therefore, that the Division of University Extension, often called the largest "University without a Campus," should receive commendation for being a leavening influence, a catalyst, as it were, in the educational programs of the Commonwealth.

In planning this Fiftieth Anniversary Report, we have asked each Supervisor-Coordinator to make an individual report, headed by a picture, to indicate developments during the year, and in some instances, some historical facts of interest. In addition, we have prepared eleven Tables to indicate the scope of the program over the years, together with enrollment and financial figures which tell their own story; these will be found at the end of the reports.

It seems advisable, however, to give a statistical summary of the extent of the activities of the Division, as a "pre-view" of these reports:-

| | | |
|----------------|----------|--|
| ADMINISTRATION | 18 Staff | 30,536 Course Registrations - 85,000 Bulletins semi-annually - 2,000 Weekly Bulletins mailed. |
| CLASS LESSONS | 16 Staff | 607 Courses offered in 71 Towns; 24,195 enrollments with 400 Part-time Instructors. |
| CORRESPONDENCE | 12 Staff | 6,341 Registrations in 126 courses, with 50 Part-time Instructors - 24,211 Lessons corrected - 12 Correspondence Schools and 134 agents licensed and supervised. |

| | | |
|----------------------------------|---------|--|
| HIGH SCHOOL
EQUIVALENCY | 9 Staff | 2,584 Applications received - 590 Certificates
awarded - a backlog of 29,917 cases |
| AUDIO-VISUAL
SERVICES | 7 Staff | 205 communities, served from a Film Library of
2,600, with 30,000 Bookings a year, and issuance
of 80-100 Films per day. |
| CIVIL DEFENSE
ADULT EDUCATION | 6 Staff | 95 towns served through "Personal and Family
Survival Courses", with 2,998 certificates
awarded, and 92 additional teachers trained -
RAMONT program initiated with local CD Officials. |

In the previous two Annual Reports, we have discussed the Financing of the activities of the Division, but more particularly the FUTURE OF UNIVERSITY EXTENSION. During the year 1964-1965, frequent conferences and meetings have been held by the Staff-Cabinet of Co-ordinators with the Massachusetts Education Study Commission. The passage of Chapter 572, Acts of 1965, which was approved June 28, 1965, transfers a number of the functions of University Extension to the Board of Higher Education, or to the University of Massachusetts. The emphasis in sections of the Act rests largely on those functions that are "collegiate in nature."

On the other hand, the Board of Education is directed to "provide audio-visual services - day care service - and adult education facilities" for the citizens of the Commonwealth. A review of the activities of the Division of University Extension would indicate that while the name will be changed, there should be in the Department of Education a

BUREAU OF ADULT EDUCATION SERVICES
or
BUREAU OF EXTENDED ADULT SERVICES

with an appropriate staff in the Division of Curriculum and Instruction.

Naturally, there will be a transition period of a year or more, while the three new Boards in Education are appointed, get organized, and determine the direction which Education on the State level will take. It will be well to develop a Bureau of Adult Education, as 27 other states have done, for Service to Adults, as well as Co-ordination of Programs and Activities, will be the demands of the next ten years.

Meanwhile, this Report marks my tenth review of the programs and services of the Division of University Extension, but it also marks the time of the retirement of your Director on October 1, 1965, after forty-eight years in the service of Public Education. It has been a privilege for me to work in this field with such fine and able Commissioners of Education, and Division Directors, and especially with our excellent, effective Staff of over 65 personnel who have served the public well, and have been faithful co-workers in the cause of Education for Adults. The future will hold changes of many kinds, but the challenge will always remain for all of us in the motto:-

"LEARNING NEVER ENDS!"

CLASS LESSONS PROGRAM

Walter F. Reavey, Co-ordinator



Governor John A. Volpe
congratulates
Hon. Eleanor Campobasso
while
Dr. Owen B. Kiernan,
Commissioner
awards
Certificate in

LEGISLATIVE PROCEDURES
Course

House of Representatives

February 24, 1965

The report of the Director and the FIFTIETH ANNIVERSARY Brochure have given adequate coverage to the history of the Division of University Extension. Accordingly, it is planned to cover only the developments during 1964-1965, in light of the following quotation from Lewis B. Mayhew, in "Innovation in Higher Education":

"A higher education which might reasonably extend from age 17 or 18 cannot rely on traditional concepts of a four year span, a residential situation, or a rigid system of prerequisites. Nor can it apply to the educational needs of men and women in their fifties, the instructional techniques devised for late adolescent students ..."

Probably the greatest asset during the year was the institution of professional staff meetings. It was from this nucleus that emerged many beneficial innovations which greatly strengthened the Class Lessons Program.

A complete revision of the class program took place. All courses and their respective materials were screened, evaluated, and revised to remain up-to date with the latest educational developments. A new coding system was established, and many new and different courses were offered to keep up with the growing educational needs of the people.

Numismatics is now beginning its third consecutive semester with as much popularity as ever. A course in Animal Husbandry was given in Middleboro to help some aspiring young equestrians. A need was found to offer a course entitled "Environment for Living" which had as its aim the beautification of Boston.



DRIVER EDUCATION

Mr. Reavey watches
while
Instructor Frank
Murphy counsels
a student.

Many internal changes have taken place such as the re-arrangement of the office furniture; this has provided greater facility and efficiency. The filing room has been made more compact to allow more access to files. Class Records have been bound. A new Salary Scale was established and implemented, as authorized by the Board of Education.

The Class Lessons staff formed a nucleus for the Committee to evaluate the safety program in the public schools of the Commonwealth. The personnel have worked with National as well as local groups in the development of programs in education as a life-long process. The United States Office of Education as well as the National Education Association has sought our counsel on many occasions in the evaluation of curriculum materials.

WESTERN MASSACHUSETTS OFFICE

Carlo A. Simeoli, Supervisor in Education

"The Birth of an Idea"

At the suggestion of the University Council of Massachusetts, a Committee on University Extension was formed in 1914 with the appointment of representatives by the Presidents of five colleges in the Connecticut Valley, Smith College, Amherst College, Mount Holyoke College, the International Y.M.C.A. College (now Springfield College), and Massachusetts Agricultural College (now the University of Massachusetts). In its first two years of meetings, the committee formulated extensive plans for the organization of classes in communities of the area, envisioned a continuous series of courses throughout the year presented through class instruction and correspondence courses, and the award of college credits.

1. The first part of the report is a general introduction to the subject of the study. It discusses the importance of the study and the objectives of the research.

2. The second part of the report is a detailed description of the methodology used in the study. It includes information about the sample, the data collection methods, and the statistical analysis.

3. The third part of the report is a presentation of the results of the study. It includes tables, figures, and text describing the findings.

4. The fourth part of the report is a discussion of the results and their implications. It discusses the strengths and limitations of the study and suggests areas for further research.

5. The fifth part of the report is a conclusion and a summary of the findings.



The results of the study show that there is a significant positive correlation between the variables studied. This finding is consistent with previous research in this area. The study also found that the effect size was moderate to large, suggesting that the findings have practical significance.

The limitations of the study include the use of a convenience sample and the reliance on self-reported data. These limitations suggest that the results may not be generalizable to other populations or settings.

Future research should focus on replicating the study with a more diverse sample and using objective measures of the variables studied. This will help to confirm the findings and explore the underlying mechanisms.

References

1. Smith, J. (2010). The relationship between X and Y. *Journal of Psychology*, 145(3), 456-472.

2. Jones, A. (2012). The effects of Z on X and Y. *Journal of Research in Personality*, 46(2), 123-138.

3. Brown, C. (2015). The role of W in the relationship between X and Y. *Journal of Experimental Social Psychology*, 58(1), 56-68.

The study was supported by a grant from the National Science Foundation. The authors would like to thank the participants who took part in the study and the research assistants who helped with data collection.

Correspondence should be addressed to Dr. Jane Doe, Department of Psychology, University of California, Los Angeles, CA 90095. Email: jane.doe@ucla.edu

STATE SUPPORT FOR UNIVERSITY EXTENSION *

The Founding of the Division Comes



Mr. Simeoli and Mrs.
Mary R. A. Lovett
confer to plan the
West Springfield
Summer School Program.
All-time high - 900
enrolled in 1963.

It was soon found that the demands for University Extension instruction far exceeded the resources of a volunteer committee to answer. Committee members and college administration officers decided that the colleges could not meet the expense of promotion and administration, that public funds should be made available. The Committee was instrumental in having the Massachusetts Legislature pass a law establishing the Division of University Extension of the Massachusetts Department of Education, and in this way provide state-wide support for a program of University Extension.

In March, 1916, the director of the new division, James A. Moyer, attended a meeting of the Connecticut Valley Committee and was made a member. He reported that, although the division was in existence less than a year, it had available seventy correspondence courses in which 700 students were already enrolled. Students paid only for books and materials. He informed the committee that the state division planned to offer class instruction or to supervise group study but that there were practical difficulties in collecting fees and paying instructors. Over a period of fifteen years, Mr. Moyer regularly attended meetings of the committee and co-operated in many of its developments.

As the Massachusetts Division of University Extension grew, field workers were engaged to do promotional work in various parts of the state. At first, part-time workers were sent to western Massachusetts. However, the Committee felt that a full time administrator was needed in the western part of the state one who could work closely with the committee in organizing classes. As recorded in the minutes of an early meeting, Mr. Moyer asked, "Could a woman do the work you have in mind in promoting and supervising the program in western Massachusetts?" The Committee agreed that a woman "might" be able to fill the demands.

In 1920-21, an office was established in Springfield. Miss Ursula K. Toomey was appointed to direct class organization in the western part of the state and to co-operate with the Connecticut Valley Committee, as Executive Secretary.

THE HISTORY OF THE CITY OF BOSTON



THE HISTORY OF THE
CITY OF BOSTON
FROM THE FIRST
SETTLEMENT
TO THE PRESENT
TIME
BY
JOHN B. HENNING

The history of the city of Boston is a story of growth and development. From its early days as a small fishing village, it has grown into one of the most important cities in the United States. The city has been a center of commerce, industry, and culture for centuries. Its history is filled with interesting events and people that have shaped the city into what it is today.

The city of Boston was founded in 1630 by a group of Puritan settlers. They came to the city to establish a new society based on their religious beliefs. The city grew rapidly, and by the 17th century, it was one of the largest cities in the colonies. The city was a center of trade and commerce, and it played a major role in the American Revolution.

The city of Boston has a rich and diverse history. It has been a center of innovation and progress for centuries. The city has been a leader in many fields, including science, technology, and the arts. The city has a long and proud tradition of excellence, and it continues to be a center of growth and development today.

The history of the city of Boston is a testament to the power of human ingenuity and the spirit of adventure. The city has overcome many challenges and has emerged as a stronger and more resilient community. The city's history is a source of pride and inspiration for all who live in it.

CORRESPONDENCE COURSE PROGRAM

Robert B. Wentworth
Supervisor



Mr. Wentworth watches
as Christina Hatch
and Lester Gellar,
Instructors, review
Courses for REVISION,
and EDITING.

The Office of Correspondence Instruction reports its activities for 1964-1965 as follows:-

1. Introduced new catalog for May, 1965, - attractive cover, better organization of courses, more informative content, renamed courses, and inclusion of book price list in catalog.
2. Introduced 18 new courses or major revisions of existing courses. This number includes several courses substantially completed or revised during the previous fiscal year, but made available to the public in July, 1965.

The new courses are Applied Imagination (non-credit); Basic Programming (non-credit); English for Everyone (1 HSU); Fundamentals of Music (4 semester hours); History of Art (1 HSU); Real Estate Brokers' Preparation (non-credit); You and the Law (non-credit).

The major revisions are Automotive Electrical Equipment ($\frac{1}{2}$ HSU); Band Arranging (4 semester hours); Building Custodian Preparation (non-credit); Business Mathematics (1 HSU); English IX (1 HSU); English X (1 HSU); Principles of Accounting (4 semester hours); Technical and Shop Mathematics (1 HSU); Typewriting ($\frac{1}{2}$ HSU).

Emphasis in study guides has been on more teaching help, more use of the imagination, and more thought on discussion questions where appropriate.

3. In several instances we were able to relate new study guides or study guide revisions to the current scene. Thus a 20 - lesson optional supplement on American Negro literature was included in English XI - College Preparatory; material and problems on civil rights were included in the new courses Real Estate Brokers' Preparation and You and the Law.
4. Held extended staff meetings of the professional staff on approximately a once-a-month basis throughout the year. Administrative details were discussed, but emphasis has been on broad issues and matters rather than operational details.
5. Supervisor wrote a 32 - page Correspondence Instruction Staff Manual (with attached supplementary documents) primarily for the use of the professional staff.
6. In progress - a manual for students on "how to study". - Miss Hatch
7. Polled all accredited colleges in Massachusetts in regard to their acceptance of University Extension high school and college credits - class and correspondence courses.
8. Supervisor participated as staff member in 11th Annual Creative Problem - Solving Institute at the State University of New York at Buffalo for one week. He was co-leader of a week - long seminar for educators interested in developing their own programs and served as a consultant in education and religious activities.
9. Staff visit to Industrial School for Boys at Shirley. Staff visit to Massachusetts Correctional Institution at Framingham (womens' prison.) Supervisor plans to visit all institutions where we have substantial enrollments during 1965-66.
10. Prepared informal miniature catalog of high school courses only. Manuscript completed except for approval of High School Equivalency office.
11. Recommended revised compensation schedules - payment of instructors for preparation of study guides, teaching of courses, and correction of papers.
12. Supervisor carried out policy throughout the year of writing individual personal letters to each student who failed a final examination. Reasons for failure pointed out. Suggested corrective action in each case.
13. Early in fiscal year, established procedure for preparation of study guides - preliminary conference with author, confirming letter to author, ask for outline and sample lesson. Arrangements confirmed by appointment letter from Dr. Hawkes. This procedure has resulted in a substantial increase in the quality of study guides.
14. Use of outside editorial service for final revision and typing of study guides.
15. Informal organization of the instructors who teach English. The senior instructor (Dr. Willis Wager) is expected to familiarize himself with all our study guides in the field and suggest co-ordination. One meeting of the instructors of English courses was held at 200 Newbury Street.

16. Supervisor in charge of the licensing of private correspondence schools began his duties May 1, 1965 and immediately made substantial progress in organizing procedures. He conducted a conference for representatives of the private schools which resulted in the establishment of detailed educational criteria for evaluating the practices of the private schools.
17. Supervisor in charge of licensing also established criteria for the evaluation of agents of correspondence schools and began the actual evaluation of the agents.

HIGH SCHOOL EQUIVALENCY PROGRAM

Mary K. Prendergast,
Co-ordinator



Miss Prendergast

watches while

Harold F. McNulty,
Supervisor

counsels with

Mrs. Esther Deas

on

Procedures for

the Certificate.

The Massachusetts High School Equivalency Certificate Program was established by the State Board of Education in November, 1945, under the direction of a five-member, permanent, policy-making committee which approves the award of each certificate by the Department of Education and sets academic guide lines to meet the changing conditions in the field of education. This committee consisted of representatives nominated by the Executive Committee of the Massachusetts Superintendents Association and the Massachusetts High School Principals Association, in addition to one member selected to represent the college admissions' offices of the Commonwealth, the Commissioner of Education, and the Director of the Division of University Extension.

Originally intended to assist Massachusetts residents twenty years of age or older in reaching their educational goal, this program was transferred to a Veterans' Services budget on July 1, 1947. From July 1, 1947, to April 15, 1949, the program was closed to civilians; however, on April 15, 1949, the civilian program was officially reopened. Since that date the program has been open to all qualified applicants--residents of Massachusetts or those who last attended day school in Massachusetts. In July, 1961, the program was opened to 18- and 19-year old candidates under certain conditions.

From November, 1945, until March, 1946, the GED Tests were administered by the Boston University Testing Service. Since March, 1946, the High School Equivalency Certificate program has operated the GED Testing service on a year-round basis, two days a week, at the State Office Building. With the introduction of area programs, tests are given periodically at the area centers. The High School Equivalency Certificate area centers at Fall River, Fitchburg, Holyoke, Milford and Orange and the industrial program at Metals & Controls Inc., Attleboro, bring the services of the Department of Education to the home town area of the candidates enabling them to qualify for the certificate without having to travel long distances. Without this opportunity many would never have become high school



1. Introduction
2. Objectives
3. Methodology
4. Results
5. Discussion
6. Conclusion

The first part of the report describes the background and objectives of the study. The second part details the methodology used, including the data collection and analysis techniques. The third part presents the results of the study, which show a significant correlation between the variables investigated. The fourth part discusses the implications of these findings and compares them with previous research. Finally, the report concludes with a summary of the key findings and recommendations for future research.

The study was conducted over a period of six months, during which time a total of 1000 participants were surveyed. The data was collected using a combination of online and offline methods, ensuring a diverse and representative sample. The analysis was performed using advanced statistical software, which allowed for a thorough examination of the data. The results indicate that there is a strong positive relationship between the variables studied, which is consistent with the theoretical framework proposed at the beginning of the report.

These findings have important implications for the field of research, as they provide new insights into the relationship between the variables. They also suggest that the methodology used in this study is effective for collecting and analyzing data. The report concludes by highlighting the strengths and limitations of the study and providing suggestions for further research. It is hoped that this work will contribute to the understanding of the topic and inspire further investigation.

graduates. The certificates are presented at area graduation exercises. More area centers are needed, but the number of area centers is limited by the size of the High School Equivalency Certificate staff which is the only facet of the program which remains almost constant. Since 1951 there has been no increase in the number of staff, rather a decrease of one clerical position. Only one of the High School Equivalency Certificate professional staff members was with the program prior to 1962.

A review of the twenty years in which the program has been in operation proves that those who thought it was strictly a program for veterans and doomed to fade if not into oblivion into insignificance were incorrect. Twenty years later finds the program at an all time high with 590 successful candidates receiving the certificate--an impressive increase from the first year's class of 48 graduates. During this same period over 35,000 persons have applied for the state certificate and almost 6,500 certificates have been awarded. More than 50% of these certificates have been awarded since 1958. Even charging veterans the same administrative fees as civilians has not decreased the number of applications. This High School Equivalency Certificate program has become an essential part of the Massachusetts educational scene.

The year 1964-1965 showed no lessening in the desire of the residents of Massachusetts and eligible non-residents of Massachusetts to improve their educational status. There was a general increase in the number of applicants, cases assigned, tests administered and certificates awarded. Even though the program operated for six months without the services of one High School Equivalency supervisor, a new area center was opened in Holyoke in response to the long standing request from the school committee.

The area graduations which have become traditional were held in Fall River, Fitchburg, Milford, and Orange--Fall River was the largest with 91 graduates. For the first time, 15 high school equivalency graduates from the New Bedford area who had completed their course requirements at New Bedford Evening High School received their certificates at the New Bedford Evening High School graduation exercises. The High School Equivalency Certificate program at Metals & Controls Inc., had its second graduation which was held in the plant cafeteria. It is most gratifying to see the high regard industry has for this program. The division foreman actually hands the certificate to each man from his division.

It is unfortunate that the small size of the high school equivalency certificate staff makes it impossible to develop additional industrial programs. The interest is there, but the demand cannot be met. A request for an area center in northeastern Massachusetts where one is so badly needed also had to be denied. Area centers are not only desirable because of accessibility to candidates but also because of the greater efficiency with which orientation meetings, testing periods, course programming, and counseling sessions can be arranged.

Mindful of its charge to review policies and practices in terms of new procedures and educational upgrading, the policies committee made two major changes in policy to be effective in 1965-66. (1) All servicemen are to be allowed one unit in physical education for basic or boot training. Previously two units in health and physical education were given to World War II and Korean veterans; 1947-50 peace time servicemen were allowed two units in physical education. (2) All candidates for the High School Equivalency Certificate must

complete at least one course after being assigned to a high school equivalency supervisor. Previously the certificate could be awarded if the candidate had satisfied all the requirements for the award of the certificate before he was assigned to a supervisor.

Two decades of planning, reviewing and expanding with emphasis on quality and flexibility to meet the needs of those who are served pave the way for the third decade just unfolding.

The present membership of the Policies Committee, appointed by the Board of Education, and effective, 1964-1965, is as follows:-

Dr. Franklin P. Hawkes, Chairman,
Director of University Extension

Dr. Everett G. Thistle, Vice-Chairman,
Director of Elementary and Secondary Education

Mr. David I. Davoren, Superintendent of Schools, Milford

Miss Ellen Fitzpatrick, Supervisor Emeritus,
Office of Correspondence Instruction

Mr. Ralph L. Frellick, Headmaster Emeritus,
Brockton High School

Dr. Donald L. Oliver, Director of Admissions,
Boston University

Miss Mary K. Prendergast, Co-ordinator,
High School Equivalency Certificate Program

AUDIO-VISUAL SERVICES

Kelsey B. Sweatt
Co-ordinator



Mr. Sweatt and Staff
at the Sixth Annual
Audio-Visual Insti-
tute on Instructional
Materials - October
1964.

HISTORY OF THE OFFICE OF AUDIO-VISUAL SERVICES

As early as 1923, the Division was concerned with the value of the use of audio-visual aids as a means of enriching the teaching process. It established and maintained a library of Eastman silent films, and the Yale University Chronicles of America which it loaned for a small fee to the schools of the Commonwealth. About 1945, the library was temporarily closed; but was re-activated in 1948 with two hundred 16 mm films. This eventually grew to the present library of more than 2,500 titles with approximately 30,000 bookings a year.

In 1954, the Massachusetts Film Library Cooperative was organized. Unique in its function at the time of organization, it allowed local school, library, and hospital communities to deposit with the office a film or films which were used as the basis of a credit of three times the value of the deposited films. This could then be drawn against in rentals by the local communities. The success of this plan was immediate, and the present membership includes 93 school systems, 10 state colleges and the majority of the public libraries in the Commonwealth through the Regional Library Centers.

With the growth of the Film Library has also come an expansion of the functions of the office. One of its major activities is to promote workshops and conferences on instructional materials and newer media, and to advise and assist local communities in the development and growth of their own programs.

In 1959 the Office inaugurated an annual state-wide conference on instructional materials with national figures in the field participating. The first such conference was held at Gardner with subsequent meetings at Westover Field, The Science Museum at Boston, Concord, Weymouth, and Boston University. The 1965 conference will be held at the Sheraton-Boston and in the Prudential Center.

No history of the office or of the Division would be complete without pointing out the pioneering work done over the years in the field of radio and television. While it is generally known that the Division was the first institution in the country to offer educational courses by radio, beginning in October, 1923, it is not as well known that the Office of Audio-Visual Services also pioneered in the presentation of one of the first teacher-training courses by radio in the nation beginning on October 13, 1945, and known as the Massachusetts Plan.

The plan presented an opportunity for teachers in Massachusetts to listen to the National Broadcasting Company's program "Our Foreign Policy" each Saturday evening between 7 and 7:30 over the New England Westinghouse stations. The program was supplemented each week by another quarter hour program between 9:15 and 9:30 on Saturday morning on WBZ and WBZA so that outstanding authorities on foreign policy could comment upon the NBC discussions and clarify any problems which might arise out of our foreign policy and otherwise assist teachers in their appreciation of the problems of government.

Teachers were required to register with University Extension. They received each week a copy of the script used on the program together with a bibliography of pertinent articles in magazines and books generally available in even the smaller libraries. Teachers were also required to listen to 10 out of the 26 broadcasts. They were to submit 4 written reports on the reference reading and 2 summaries covering the broadcasts of "Our Foreign Policy". The papers were one-half of the final grade. Immediately following completion of each one-half year broadcasts the teachers took an examination and upon the successful completion were certified with two hours of credit.

The supervised examinations were given in various libraries of the state or by local school superintendents personally.

The "Our Foreign Policy" broadcasts marked the first time all government agencies specifically engaged in the formulation and administration of United States foreign policy joined together in a public radio discussion.

Heard were the leaders of the Department of the State, Senate and House Committees of Foreign Relations and delegates to the U. N. Conference at San Francisco. The Massachusetts Plan was widely publicized in newspapers throughout the country.

The office also instigated the organization of the New England Committee on Radio in Education which brought together representatives of public and private educational institutions in the six states to study and to promote the use of radio as a means of elementary, secondary and adult education. In conjunction with the various radio stations in the area, the committee presented annual summer workshops which were largely attended by teachers from all over New England.

With the advent of television the office again took the lead in cooperation with local commercial stations in the presentation of educational programs. In addition, it assisted in the organization and early experimentation of "The 21 Inch Classroom". Over the years it has presented a great many outstanding radio and television personalities such as Arthur Fiedler, Lyman Bryson, Robert Saux, Sterling Fisher and many others. It has cooperated in the presentation of such distinguished television programs as Dimensions on WBZ-TV, and Dateline Boston on WHDH-TV.

For many years, the Office maintained a large radio transcription library, and with the advent of the tape recording, the coordinator was asked to serve as the first national chairman by the Department of Audio-Visual Instruction of the National Education Association to direct the establishment of a national tape service, and appropriate catalogue. This service is housed and functioning in Boulder, Colorado.

At all times, the Office has attempted to bring new educational trends into its orbit of interest. In some cases, after a program has been organized and gotten under way by the Office it has been absorbed by others. Nonetheless it was the Office and the Division which gave the necessary impetus to the establishment, and general acceptance by Massachusetts educators of their value and worth to the teaching process.

CIVIL DEFENSE ADULT EDUCATION

Donald J. Cleary
Co-ordinator



Mr. Geary visits a
CDAE Class conducted
by Robert Schmoyer,
Instructor.

In this class is a
blind, a crippled,
and a deaf person
learning the art of
survival in atomic
danger.

Since March 1963, the Division of University Extension, under a contract with the United States Office of Education, has been training instructors to conduct courses in "Personal and Family Survival". Particular effort has been made to present this course to persons who would be in charge of groups needing guidance and help at the time of any disaster. Among such groups are: nurses, school teachers, policemen, firemen, school custodians, auxiliary police, State and Federal agencies, and reserve units of the Army, Navy, Coast Guard, Marines and Air Force.

The majority of citizens know little of what Civil Defense has done and can do in time of disaster. The Civil Defense units in every state and community have had experience helping to save lives during many types of disaster, such as earthquakes, tornadoes, hurricanes, floods and fires. There is, in this Atomic age, the ever present possibility of a nuclear attack, and knowledge of what to do in that event would save millions of lives. There appears to be apathy among the general public regarding any defense measures which might be needed in case of a nuclear attack. Such a fatalistic attitude can be quickly dispelled when a person views even one of the several films shown during the course. Unfortunately, most people believe that in the event of an enemy attack and nuclear explosion, everyone would be killed or there would be nothing left worth saving. This is absolutely wrong! The purpose of the course is to teach the true facts concerning survival.

Since these courses were first offered, contacts have been made in more than 80 communities in the state and 262 teachers have been trained to instruct the twelve-hour course. Approximately 145 classes have been offered or are being planned and more than 5000 persons will soon have received certificates signed by the Commissioner of Education. All the school personnel of the City of Holyoke have taken the course, the first city in the Nation to have such 100% participation.

Since January 1965, the CDEA office has taken over the operational supervision of the Radiological Monitoring program, known as RAMONT. Presently, there are 208 RAMONT instructors trained and approximately 900 students will have received their Certificates of Completion by the end of September. In the United States Office of Education Reports for the month of June, Massachusetts led the Nation in the number completing the RAMONT course.

Military Reserve Units have proven to be fruitful fields for instruction. Army, Coast Guard, Air Force, Navy and Marine Reserve Units have been given the 12-hour CDAE course and have found it to be most informative as well as an interesting part of their training. Some towns and cities in which Reserve Units have been trained in "Personal and Family Survival" are: Boston, Lynn, New Bedford, Worcester, Springfield, Pittsfield, Quincy, Lawrence, Lowell, Natick and Falmouth. The training of personnel in Federal agencies has also proven successful. Some of the Federal agencies which have been trained, on government time, are the Veterans' Administration, Departments of: Justice, Health, Education and Welfare, Labor, and the Bureau of Public Roads. We are especially pleased with our progress with the Veterans' Administration. Six classes have been given to the personnel and three more classes are now in progress, making a total of nine classes taught in one Federal Agency with an enrollment of 318 persons. Nurses in many hospitals throughout the state have taken these courses. We have recently arranged with the Metropolitan District Commission to have a series of 20 classes for their personnel, starting in September and running through to February 1966, each class with an enrollment of 25 persons, a total of 500.

Since Education should start with youth, the ideal is to incorporate the "Personal and Family Survival" course into the public and parochial high school curriculum for Senior students. These future citizens would be able to transmit their knowledge of Civil Defense Adult Education to others in various ways. As yet, Civil Defense Adult Education courses have not been generally introduced into the school systems. However, future arrangements are being planned and it is hoped they will materialize.

DEPARTMENT OF EDUCATION

COMMONWEALTH OF MASSACHUSETTS
STATE ADVISORY COUNCIL

JANUARY 1, 1965

DIVISION OF UNIVERSITY EXTENSION

CHART 1

| <u>NAME</u> | <u>TERM
EXPIRES</u> | <u>ORGANIZATION</u> | <u>ADDRESS</u> | <u>TOWN</u> |
|--|-------------------------|--|-----------------------------|--------------|
| <i>Northeastern Area - Boston</i> | | | | |
| CHAFFEE, John, Jr. | 1968 | Education Editor, <i>Boston Herald</i> | 300 Harrison Avenue | Boston |
| DAY, John | 1967 | Radio-Program Director, Station WHDH | 50 Morrissey Boulevard | Boston |
| DePASQUA, Joseph | 1968 | Massachusetts Association School Committees | 133 Thornton Road | Needham |
| FINNEGAN, W. Henry | 1966 | Director, Division of Civil Service, Massachusetts | State House | Boston |
| FITZPATRICK, Ellen | 1968 | Boston Quota Club | 100 Anawan Avenue | West Roxbury |
| LOW, Rev. Albert W. | 1967 | Archdiocesan Superintendent of Schools | 468 Beacon Street | Boston |
| MEIER, Dr. Frederick | 1966 | President, State College at Salem | 9 Loring Avenue | Salem |
| O'DONNELL, Mrs. Helen T. | 1966 | Vice-President, Massachusetts Federation of Labor | 73 Tremont Street | Boston |
| RUDDY, Charles O. | 1967 | Assistant Superintendent, Boston Public Schools | 15 Beacon Street | Boston |
| <i>Central Area - Worcester and Fitchburg</i> | | | | |
| CAPECE, Nicholas J. | 1968 | Medicine - Physician | 8 West Street | Millford |
| KLUMP, George D. | 1966 | General Electric Company | 166 Broad Street | Fitchburg |
| LYDON, Dr. Martin | 1967 | President, Lowell Technological Institute | 1 Textile Avenue | Lowell |
| SLEEPER, Mrs. Samuel | 1968 | Massachusetts State Federation Women's Clubs | Camp Wamsutta | Oxford |
| STANLEY, George A. | 1967 | Union Twist Drill Company | 12 Elm Street | Athol |
| TAYLOR, Thurston | 1966 | Memorial Library | 12 Elm Street | Worcester |
| TRIEDMAN, Joseph | 1968 | Director, Evening Schools | Haverhill High School | Haverhill |
| <i>Western Area - Springfield and Pittsfield</i> | | | | |
| COOK, Kermit W. | 1968 | Superintendent of Schools | Mahar Regional High School | Orange |
| FLANDERS, Courtney W. | 1967 | Manager, Training and Publications, Sprague Electric Company | 87 Marshall Street | North Adams |
| HIGGINS, Barbara | 1967 | Agricultural Co-operative Extension Service | University of Massachusetts | Amherst |
| MORAN, John F. | 1966 | Assistant Superintendent of Schools | 65 Waverly Street | Pittsfield |
| MORRISSEY, Mrs. Richard C. | 1968 | Chairman, Education Committee, Women's Club | 81 Court Street | Westfield |
| ROBINSON, Frederick B. | 1967 | Director, Museum of Fine Arts | 49 Chestnut Street | Springfield |
| SHEER, Kenneth | 1968 | Director of Graduate Studies | Smith College | Northampton |
| SULLIVAN, George | 1966 | Director, Evening Schools | | North Adams |
| <i>Southeastern Area - Fall River and Cape Cod</i> | | | | |
| ARNOLD, Warren R. | 1966 | Massachusetts Congress P.T.A. | Kelton Street | Rehoboth |
| BROADBENT, Harvard H. | 1968 | Superintendent, Barnstable Public Schools | Tern Lane, Centerville | Hyannis |
| COOK, Norman | 1966 | Cape Cod Chamber of Commerce | 210 South Street | Hyannis |
| EASTMAN, William H. | 1966 | John Hancock Insurance Company | Berkeley Street, Boston | Sharon |
| FONSECA, Honorable Mary | 1967 | Senator, Massachusetts General Court | 102 Webster Street | Fall River |
| LEONARD, Mrs. E. James | 1968 | Member, Women's Clubs, (M.S.F.W.C.) | Willow Street | West Harwich |
| SEAR, Mary | 1966 | Falmouth School Committee | Clinton Road | Woods Hole |

TABLE I

ANALYSIS OF ENROLLMENTS - 1915 to 1965 (By 10-Year Periods)

| Year | Class Enrollments | Correspondence Enrollments | Radio Enrollments | Totals |
|-----------|-------------------|----------------------------|-------------------|-----------|
| 1915-16 | 2,332 | 1,065 | - | 3,397 |
| 1925-26 | 29,067 | 4,531 | 1,045 | 34,643 |
| 1935-36 | 25,800 | 4,049 | 308 | 30,157 |
| 1945-46 | 23,513 | 5,807 | - | 29,320 |
| 1955-56 | 25,797 | 5,684 | - | 31,481 |
| All-time | 37,449 | 7,208 | 2,276 | 44,658 |
| High | (1959-60) | (1959-60) | (1926-27) | (1959-60) |
| 1964-1965 | 24,195 | 6,341 | - | 30,536 |

TABLE II

RECEIPTS AND EXPENDITURES - 1960 to 1965

| Fiscal Year | Cash Receipts from all sources | Estimated Value Free Services | Totals (Estimated) | Expenditures |
|-------------|--------------------------------|-------------------------------|--------------------|--------------|
| 1960-61 | \$324,248.38 | \$267,735.00 | \$591,983.38 | \$604,359.28 |
| 1961-62 | 319,925.28 | 259,695.00 | 579,620.28 | 592,856.61 |
| 1962-63 | 350,580.62 | 230,475.00 | 581,055.62 | 617,211.76 |
| 1963-64 | 411,276.11 | 204,060.00 | 615,336.11 | 661,542.69 |
| 1964-1965 | 406,205.23 | 180,795.00 | 587,000.23 | 689,378.50 |

TABLE III

CLASS INSTRUCTION (By 2-Year Periods)

| Year | No. of Courses | No. of Towns | Enrollments | | Receipts | Expenditures |
|-----------|----------------|--------------|-------------|--------|-----------|--------------|
| | | | Paid | Free | | |
| 1958-59 | 720 | 80 | 15,366 | 18,967 | \$237,297 | \$179,452 |
| 1960-61 | 847 | 67 | 17,324 | 13,237 | 280,912 | 271,173 |
| 1962-63 | 720 | 64 | 15,629 | 10,921 | 308,276 | 275,780 |
| 1964-1965 | 607 | 71 | 16,149 | 8,046 | 355,980 | 238,428 |

CORRESPONDENCE COURSES

Lessons Corrected

| | | | | | | |
|-----------|-----|--------|-------|-------|--------|--------|
| 1958-59 | 160 | 20,753 | 1,825 | 4,519 | 27,468 | 17,534 |
| 1960-61 | 150 | 24,461 | 1,816 | 4,797 | 30,936 | 16,800 |
| 1962-63 | 140 | 25,156 | 2,114 | 4,454 | 35,433 | 20,044 |
| 1964-1965 | 126 | 24,211 | 2,334 | 4,007 | 36,711 | 20,282 |

HIGH SCHOOL EQUIVALENCY CERTIFICATION

| Year | No. of Applications | No. Active Candidates | No. of Tests Given | No. of Certificates Awarded |
|-----------|---------------------|-----------------------|--------------------|-----------------------------|
| 1958-59 | 2,516 | 21,441 | 6,456 | 423 |
| 1960-61 | 2,023 | 23,025 | 5,739 | 434 |
| 1962-63 | 2,356 | 26,460 | 4,640 | 430 |
| 1964-1965 | 2,584 | 29,917 | 6,253 | 590 |

AUDIO-VISUAL SERVICES

*Agencies Served - Co-operatives**Supervisors*

| Year | Communities Served | School Systems | Librarians | Regional Library Towns | Full-time | Part-time | Film Bookings | Receipts |
|-----------|--------------------|----------------|------------|------------------------|-----------|-----------|---------------|----------|
| 1958-59 | 106 | 39 | 73 | - | 42 | 257 | 13,479 | \$3,096 |
| 1960-61 | 160 | 61 | 81 | - | 45 | 260 | 13,099 | 2,193 |
| 1962-63 | 220 | 59 | 78 | 68 | 50 | 275 | 18,000 | 4,932* |
| 1964-1965 | 205 | 92 | 36 | 169 | 56 | 155 | 30,000 | 6,793* |

*Co-operatives supply films in place of rentals; our Film Depository now numbers 2558 valued at \$275,000 as a result.

| Year | Month | Day | Time | Location | Notes |
|------|-------|-----|-------|----------|---------|
| 2000 | Jan | 1 | 10:00 | Home | Nothing |
| 2000 | Jan | 2 | 10:00 | Home | Nothing |
| 2000 | Jan | 3 | 10:00 | Home | Nothing |
| 2000 | Jan | 4 | 10:00 | Home | Nothing |
| 2000 | Jan | 5 | 10:00 | Home | Nothing |
| 2000 | Jan | 6 | 10:00 | Home | Nothing |
| 2000 | Jan | 7 | 10:00 | Home | Nothing |
| 2000 | Jan | 8 | 10:00 | Home | Nothing |
| 2000 | Jan | 9 | 10:00 | Home | Nothing |
| 2000 | Jan | 10 | 10:00 | Home | Nothing |

2000-2001

| Year | Month | Day | Time | Location | Notes |
|------|-------|-----|-------|----------|---------|
| 2000 | Jan | 11 | 10:00 | Home | Nothing |
| 2000 | Jan | 12 | 10:00 | Home | Nothing |
| 2000 | Jan | 13 | 10:00 | Home | Nothing |
| 2000 | Jan | 14 | 10:00 | Home | Nothing |
| 2000 | Jan | 15 | 10:00 | Home | Nothing |
| 2000 | Jan | 16 | 10:00 | Home | Nothing |
| 2000 | Jan | 17 | 10:00 | Home | Nothing |
| 2000 | Jan | 18 | 10:00 | Home | Nothing |
| 2000 | Jan | 19 | 10:00 | Home | Nothing |
| 2000 | Jan | 20 | 10:00 | Home | Nothing |

2000-2001

| Year | Month | Day | Time | Location | Notes |
|------|-------|-----|-------|----------|---------|
| 2000 | Jan | 21 | 10:00 | Home | Nothing |
| 2000 | Jan | 22 | 10:00 | Home | Nothing |
| 2000 | Jan | 23 | 10:00 | Home | Nothing |
| 2000 | Jan | 24 | 10:00 | Home | Nothing |
| 2000 | Jan | 25 | 10:00 | Home | Nothing |
| 2000 | Jan | 26 | 10:00 | Home | Nothing |
| 2000 | Jan | 27 | 10:00 | Home | Nothing |
| 2000 | Jan | 28 | 10:00 | Home | Nothing |
| 2000 | Jan | 29 | 10:00 | Home | Nothing |
| 2000 | Jan | 30 | 10:00 | Home | Nothing |

2000-2001

| Year | Month | Day | Time | Location | Notes |
|------|-------|-----|-------|----------|---------|
| 2000 | Jan | 31 | 10:00 | Home | Nothing |
| 2000 | Feb | 1 | 10:00 | Home | Nothing |
| 2000 | Feb | 2 | 10:00 | Home | Nothing |
| 2000 | Feb | 3 | 10:00 | Home | Nothing |
| 2000 | Feb | 4 | 10:00 | Home | Nothing |
| 2000 | Feb | 5 | 10:00 | Home | Nothing |
| 2000 | Feb | 6 | 10:00 | Home | Nothing |
| 2000 | Feb | 7 | 10:00 | Home | Nothing |
| 2000 | Feb | 8 | 10:00 | Home | Nothing |
| 2000 | Feb | 9 | 10:00 | Home | Nothing |

2000-2001

| Year | Month | Day | Time | Location | Notes |
|------|-------|-----|-------|----------|---------|
| 2000 | Feb | 10 | 10:00 | Home | Nothing |
| 2000 | Feb | 11 | 10:00 | Home | Nothing |
| 2000 | Feb | 12 | 10:00 | Home | Nothing |
| 2000 | Feb | 13 | 10:00 | Home | Nothing |
| 2000 | Feb | 14 | 10:00 | Home | Nothing |
| 2000 | Feb | 15 | 10:00 | Home | Nothing |
| 2000 | Feb | 16 | 10:00 | Home | Nothing |
| 2000 | Feb | 17 | 10:00 | Home | Nothing |
| 2000 | Feb | 18 | 10:00 | Home | Nothing |
| 2000 | Feb | 19 | 10:00 | Home | Nothing |

2000-2001

| Year | Month | Day | Time | Location | Notes |
|------|-------|-----|-------|----------|---------|
| 2000 | Feb | 20 | 10:00 | Home | Nothing |
| 2000 | Feb | 21 | 10:00 | Home | Nothing |
| 2000 | Feb | 22 | 10:00 | Home | Nothing |
| 2000 | Feb | 23 | 10:00 | Home | Nothing |
| 2000 | Feb | 24 | 10:00 | Home | Nothing |
| 2000 | Feb | 25 | 10:00 | Home | Nothing |
| 2000 | Feb | 26 | 10:00 | Home | Nothing |
| 2000 | Feb | 27 | 10:00 | Home | Nothing |
| 2000 | Feb | 28 | 10:00 | Home | Nothing |
| 2000 | Feb | 29 | 10:00 | Home | Nothing |

CITIES AND TOWNS SERVED BY UNIVERSITY EXTENSION

1. Class Lessons 2. Correspondence Courses 3. Audio-Visual Services
4. High School Equivalency 5. Civil Defense Adult Education

CHART II

| 1. | 2. | 3. | 4. | 5. | | 1. | 2. | 3. | 4. | 5. | | 1. | 2. | 3. | 4. | 5. | |
|----|----|----|----|----|--------------|----|----|----|----|----|------------------|----|----|----|----|----|--------------|
| | * | * | | | Abington | | | | | | Chester | | * | * | * | * | Hadley |
| | * | * | * | | Acton . . | | | | | | Chesterfield | | * | * | * | * | Halifax |
| | * | * | * | * | Acushnet | * | * | * | * | * | Chicopee | | * | * | * | * | Hamilton |
| * | * | * | * | * | Adams . | | | | | | Chilmark . | * | | | * | * | Hampden |
| * | * | * | * | * | Agawam | | * | | * | | Clarksburg | | | | | | Hancock |
| | * | * | * | * | Aiford . | | * | * | * | | Clinton . . | | * | * | * | * | Hanover |
| * | * | * | * | * | Amesbury | | * | * | * | | Cohasset . . | | * | * | * | * | Hanson |
| * | * | * | * | * | Amherst | * | * | * | * | | Colrain . . | | | | * | * | Hardwick |
| | * | * | * | * | Andover | | | | | | Concord . . | | | * | * | * | Harvard |
| * | * | * | * | * | Arlington . | | | | * | | Conway . . | | * | * | * | * | Harwich |
| | * | * | * | * | Ashburnham | | | | * | | Cummington | | * | * | * | * | Hatfield |
| | * | * | * | * | Ashby . | * | * | * | * | * | Dalton | | * | * | * | * | Haverhill |
| * | * | * | * | * | Ashfield . | | * | * | * | * | Danvers . | | | | | | Hawley |
| | * | * | * | * | Ashland . | | * | * | * | * | Dartmouth | | | | | | Heath |
| * | * | * | * | * | Athol . | | * | * | * | * | Dedham | | * | * | * | * | Hingham |
| * | * | * | * | * | Attleboro | | * | * | * | * | Deerfield | | * | * | * | * | Hinsdale |
| | * | * | * | * | Auburn . | | | | * | * | Dennis . | | * | * | * | * | Holbrook |
| | * | * | * | * | Avon . . | | * | * | * | * | Dighton . | | * | * | * | * | Holden |
| | * | * | * | * | Ayer . . | | * | * | * | * | Douglas . | | | | | | Holland |
| | * | * | * | * | Barnstable | | * | * | * | * | Dover . | | * | * | * | * | Holliston |
| * | * | * | * | * | Barre . . | | * | * | * | * | Dracut . | * | * | * | * | * | Holyoke |
| | * | * | * | * | Becket . . | | * | * | * | * | Dudley . | | * | * | * | * | Hopedale |
| * | * | * | * | * | Bedford . . | | * | * | * | * | Dunstable | | * | * | * | * | Hopkinton |
| * | * | * | * | * | Belchertown | | * | * | * | * | Duxbury | | * | * | * | * | Hubbardston |
| | * | * | * | * | Bellingham | | * | * | * | * | East Bridgewater | | * | * | * | * | Hudson . . |
| | * | * | * | * | Belmont . | | * | * | * | * | East Brookfield | | * | * | * | * | Hull . . . |
| | * | * | * | * | Berkley . . | | * | * | * | * | East Longmeadow | | | | * | * | Huntington |
| | * | * | * | * | Berlin . . . | | * | * | * | * | Eastham . . | | * | * | * | * | Ipswich |
| | * | * | * | * | Bernardston | | * | * | * | * | Easthampton | | * | * | * | * | Kingston |
| * | * | * | * | * | Beverly . | | * | * | * | * | Easton . . | * | * | * | * | * | Lakeville |
| | * | * | * | * | Billerica . | | * | * | * | * | Edgartown | | * | * | * | * | Lancaster . |
| | * | * | * | * | Blackstone | | * | * | * | * | Egremont | | * | * | * | * | Lanesborough |
| | * | * | * | * | Blandford | | * | * | * | * | Erving . | | * | * | * | * | Lawrence . |
| | * | * | * | * | Bolton . | | * | * | * | * | Essex | * | * | * | * | * | Lee |
| * | * | * | * | * | Boston . | | * | * | * | * | Everett | * | * | * | * | * | Leicester . |
| | * | * | * | * | Bourne . | | * | * | * | * | Fairhaven | | * | * | * | * | Lenox . . . |
| | * | * | * | * | Boxborough | | * | * | * | * | Fall River | | * | * | * | * | Leominster |
| | * | * | * | * | Boxford . | | * | * | * | * | Falmouth | | * | * | * | * | Leverett . |
| | * | * | * | * | Boylston | | * | * | * | * | Fitchburg | | * | * | * | * | Lexington . |
| | * | * | * | * | Braintree | | * | * | * | * | Florida . | | * | * | * | * | Leyden . . |
| * | * | * | * | * | Brewster | | * | * | * | * | Foxborough | | * | * | * | * | Lincoln . . |
| * | * | * | * | * | Bridgewater | | * | * | * | * | Framingham | | * | * | * | * | Littleton . |
| | * | * | * | * | Brimfield | | * | * | * | * | Franklin | | * | * | * | * | Longmeadow |
| * | * | * | * | * | Brockton | | * | * | * | * | Freetown | * | * | * | * | * | Lowell . . |
| * | * | * | * | * | Brookfield | | * | * | * | * | Gardner | * | * | * | * | * | Ludlow . . |
| | * | * | * | * | Brookline | | * | * | * | * | Gay Head | | * | * | * | * | Lunenburg |
| | * | * | * | * | Buckland | | * | * | * | * | Georgetown | | * | * | * | * | Lynn . . |
| | * | * | * | * | Burlington | | * | * | * | * | Gill . . . | * | * | * | * | * | Lynnfield |
| * | * | * | * | * | Cambridge | | * | * | * | * | Gloucester | | * | * | * | * | Malden |
| | * | * | * | * | Canton . . | | * | * | * | * | Goshen | | * | * | * | * | Manchester |
| | * | * | * | * | Carlisle . . | | * | * | * | * | Gosnold | | * | * | * | * | Mansfield . |
| | * | * | * | * | Carver . . | | * | * | * | * | Grafton . | | * | * | * | * | Marblehead |
| * | * | * | * | * | Charlemont | * | * | * | * | * | Granby . | | * | * | * | * | Marion . . |
| | * | * | * | * | Charlton | | * | * | * | * | Granville . . | | * | * | * | * | Marlborough |
| | * | * | * | * | Chatham | * | * | * | * | * | Great Barrington | | * | * | * | * | Marshfield . |
| | * | * | * | * | Chelmsford | * | * | * | * | * | Greenfield . | | * | * | * | * | Mashpee . |
| * | * | * | * | * | Chelsea . | | * | * | * | * | Groton . | | * | * | * | * | Mattapoisett |
| | * | * | * | * | Cheshire | | * | * | * | * | Groveland | | * | * | * | * | Maryard |

CITIES AND TOWNS SERVED BY UNIVERSITY EXTENSION

1. Class Lessons 2. Correspondence Courses 3. Audio-Visual Services

4. High School Equivalency 5. Civil Defense Adult Education

CHART II (Cont'd.)

| 1. | 2. | 3. | 4. | 5. | | 1. | 2. | 3. | 4. | 5. | | 1. | 2. | 3. | 4. | 5. | |
|----|----|----|----|----|--------------------|----|----|----|----|----|--------------|----|----|----|----|----|------------------|
| | | * | * | | Medfield | | | * | * | | Petersham | * | * | * | * | * | Taunton |
| | * | * | * | * | Medford | | | * | * | | Phillipston | | * | | * | | Templeton |
| | * | * | * | | Medway | * | * | * | * | * | Pittsfield | * | * | * | * | * | Tewksbury |
| | * | * | * | * | Melrose | | | * | * | | Plainfield | | | * | | | Tisbury . |
| | | * | * | | Mendon | | * | | * | | Plainville | | | | | | Tolland . |
| | | | * | | Merrimac | | * | | * | | Plymouth | | | | * | * | Topsfield |
| | | * | * | | Methuen | | * | * | | | Plympton | | * | * | * | | Townsend |
| * | * | | * | | Middleborough | | * | | * | | Princeton | | * | | * | | Truro . . . |
| | | * | | | Middlefield | | | | | | Provincetown | | * | * | * | | Tyngsborough |
| | * | * | * | | Middleton | | * | * | * | * | Quincy | | | | | | Tyringham |
| * | * | | * | | Milford | * | * | * | * | * | Randolph | | * | * | * | | Upton |
| | | | * | | Millbury | | * | * | * | | Raynham | | * | * | * | | Uxbridge |
| | * | * | * | | Millis . | | * | * | * | * | Reading . | | * | * | * | | Wakefield |
| | | * | * | | Millville | | * | * | * | | Rehoboth | | | | * | | Wales . |
| | * | * | * | * | Milton | | * | * | * | | Revere . | | * | * | * | * | Walpole |
| | | | * | | Monroe | | | | | | Richmond | * | * | * | * | * | Waltham |
| | * | | * | | Monson | | | * | | | Rochester | | * | * | * | * | Ware . . |
| * | | | * | * | Montague | | * | * | * | * | Rockland | | | | | | Wareham |
| | | | | | Monterey . | | * | * | * | | Rockport | | | | * | | Warren . |
| | | | | | Montgomery . . | * | | | | | Rowe . | | | | | | Warwick |
| | | | | | Mount Washington | * | | * | * | | Rowley . | | | | | | Washington |
| | * | * | * | * | Nahant | | * | | * | | Royalston | | * | * | * | | Watertown |
| * | | | * | | Nantucket | | | | | | Russell | | * | * | * | * | Wayland |
| | * | * | * | * | Natick . . | | * | | | | Rutland | | * | * | * | | Webster . |
| | * | * | * | | Needham . | | * | * | * | * | Salem | | * | * | * | | Wellesley |
| | | | | | New Ashford | | * | | * | * | Salisbury | | | | * | | Wellfleet |
| | * | * | * | * | New Bedford | | * | | | | Sandisfield | | | | * | | Wendell . |
| | | | | | New Braintree | | * | * | * | | Sandwich | | | * | * | | Wenham |
| | | | | | New Marlborough | | * | * | * | * | Saugus . | | * | * | * | * | West Boylston . |
| | | | * | | New Salem | | | | | | Savoy . . | | | * | * | * | West Bridgewater |
| | | * | * | * | Newbury | | * | * | * | | Scituate . | | * | * | * | | West Brookfield |
| * | * | * | * | * | Newburyport | * | | | * | | Seekonk . | | | * | * | * | West Newbury . |
| | * | | * | | Newton . . . | * | * | * | * | | Sharon . | * | * | * | * | * | West Springfield |
| * | * | | * | | Norfolk . . . | | * | * | * | | Sheffield . | | | | | | West Stockbridge |
| * | * | * | * | | North Adams . | | * | * | * | | Shelburne | | | | | | West Tisbury |
| | * | * | * | | North Andover . | | * | * | | | Sherborn | * | | | * | | Westborough |
| | * | * | * | | North Attleborough | | * | * | * | | Shirley . | * | * | * | * | * | Westfield . |
| | | * | * | | North Brookfield | | * | * | * | | Shrewsbury | | * | * | * | * | Westford . |
| | * | * | * | * | North Reading . | | * | * | * | | Shutesbury | | | * | * | * | Westhampton |
| * | * | * | * | * | Northampton | | * | * | * | | Somerset . | | * | * | * | | Westminster |
| | * | * | * | * | Northborough | | * | * | * | * | Somerville . | | * | * | * | | Weston . |
| | | * | * | | Northbridge | * | * | * | * | * | South Hadley | | * | * | | | Westport |
| | * | * | * | | Northfield | | * | * | * | | Southampton | | * | * | * | | Westwood |
| * | * | * | * | | Norton . | | | * | * | * | Southborough | | * | * | * | | Weymouth |
| | * | * | * | | Norwell | * | * | * | * | | Southbridge | | | * | * | * | Whately |
| * | * | * | * | * | Norwood . | * | * | * | * | | Southwick . | | * | * | * | * | Whitman |
| | * | * | * | * | Oak Bluffs | | * | * | * | | Spencer . . | * | * | * | * | * | Wilbraham |
| | * | * | * | * | Oakham | * | * | * | * | * | Springfield | | * | * | * | | Williamsburg |
| * | * | * | * | * | Orange | | * | * | * | | Sterling . . | * | * | * | * | | Williamstown |
| | * | * | * | | Orleans | * | * | * | * | | Stockbridge | | * | * | * | | Wilmington |
| | * | * | * | | Otis . | | * | * | * | * | Stoneham | * | * | * | * | | Winchendon |
| * | * | * | * | * | Oxford | | * | * | * | * | Stoughton | | * | * | * | * | Winchester |
| * | * | * | * | * | Palmer | | * | * | * | | Stow . . | | | * | * | * | Windsor . . |
| | | * | * | | Paxton | | * | * | * | | Sturbridge | | * | * | * | | Winthrop . |
| | * | * | * | * | Peabody | | * | * | * | | Sudbury | | * | * | * | | Woburn . . |
| | | * | * | | Pelham . | | * | * | * | | Sunderland | * | * | * | * | | Worcester . |
| | * | * | * | * | Pembroke | | * | * | * | | Sutton . . | | | * | * | | Worthington |
| | * | * | * | * | Pepperell | | * | * | * | | Swampscott | | | * | * | | Wrentham |
| | | | | | Peru | | * | * | * | | Swansea | | * | * | * | | Yarmouth. |

CHART III

SCHEDULE OF PAYMENTS AND FEES.

July 1, 1965

I. PAYMENTS FOR INSTRUCTION AND SERVICES.

| | |
|--|--|
| College Course Instructor * | \$160-\$180 per Semester Hour |
| High School and Adult Course Instructor * | \$7 to \$9 per Class Hour |
| Specialized Adult Courses * | \$8 to \$10 per Class Hour |
| Co-ordinator, or Laboratory Assistant * | \$100 per Course |
| Lecturers, as assigned * | \$10 to \$50 per Lecture |
| Paper Correction - College - above 40 students | 25¢ per paper |
| Correction, Correspondence Lessons | 50¢ to \$1.25 per Lesson |
| Preparation, Correspondence Courses | \$1 to \$15 per Lesson |
| Revision, Correspondence Courses | \$5 to \$12 per Lesson |
| Preparation, Correction, of Examinations | \$3 to \$12.50 per Examination |
| Preparation of Newsletters | \$20 per Newsletter |
| Area, or Local Organizers | \$15 to \$40 per course. |
| Division Organizer, or Proctoring | \$8 to \$10 per night |
| Area Center Supervision | \$5 to \$15 per Night |
| Supervision of Advanced Registration | \$12 per Night |
| Building Secretary | \$6 to \$7.50 per Night, plus
50¢ per 100, large classes. |
| Class Secretary | Refund of Tuition |
| Projectionist | \$3.50 to \$15 per night. |
| Clerical Services - Hourly Rate | \$1.49 to \$2.12 per hour. |
| Custodial Services | Local Pay Schedule |
| Police Services - Boston | \$3.00 per hour. |

* - Plus Travel

II. SCHEDULE OF FEES REQUIRED.

| | |
|---|---|
| College Grade Courses | \$13 per Semester Hour to \$18. |
| Specialized Adult Courses | \$15 per Course, or 50¢ per Class hour. |
| High School and Adult Courses | 50¢ per Classroom hour |
| Registration Fee - all courses, Class Lessons | \$1 per Course |
| Laboratory and Materials Fees | \$1 to \$5 per course |
| Textbooks (Correspondence Courses) | \$2 to \$10 per Book |
| Special Fees - Writing Courses | \$1 per Paper |
| Examinations - End-of-Course, or Make-up | \$1 to \$5 per Examination |
| High School Equivalency Application, includes Certificate | \$5 per Application |
| General Educational Development Tests | \$5 per set; \$1 Individual |
| Transcripts - First one free | \$1 for each Duplicate |
| Certificates - Class or Correspondence | \$1 for each Duplicate |
| Film Rentals - per week | \$2.40 to \$12, according to value of film. |
| Late Registration | \$2. per Course |

TABLE IV

Month of June, 1965 Cumulative from July 1, 1964 to June 30, 1965

ENROLLMENTSENROLLMENTS

| | Receipts | Paid | Vets | Free
(Inst.) | Sr.
Cit. |
|----------------|------------|------|------|-----------------|-------------|
| Class | | | | | |
| Correspondence | \$9,550.00 | 500 | 215 | -- | -- |
| Films | 3,347.40 | 206 | 135 | 156 | 7 |
| Other* | 1,161.00 | | | | |
| Less Refunds | (152.25) | | | | |

| | Receipts | Paid | Vets | Free
(Inst.) | Sr.
Cit. |
|--|----------------|--------|-------|-----------------|-------------|
| | \$355,980.45** | 16,149 | 7,831 | ----- | 215 |
| | 36,710.79 | 2,334 | 1,678 | 2,218 | 111 |
| | 6,793.27 | | | | |
| | 17,547.12 | | | | |
| | (10,826.40) | | | | |

| | | | | | |
|----------|-----------|--------|-----|-----|-----|
| Totals | 13,906.15 | 706 | 350 | 156 | 7 |
| Totals a | | | | | |
| Year Ago | 19,679.23 | 726 | 411 | 105 | 6 |
| | 12,053 | | | | |
| | 2,218 | 9,509 | | | 326 |
| | 13,604 | | | | |
| | 2,619 | 10,522 | | | 463 |

Income Credited
from Receipts

| Acct.
No. | Appropriated | Income Credited
from Receipts
through
6/30/65 | Total
Appropriation | Allotted | Encumbered or
Expended |
|--------------------------|--------------|--|------------------------|--------------|---------------------------|
| -01 Permanent | \$306,199.00 | \$ 10,000.00 | \$316,199.00 | \$316,199.00 | \$314,985.23 |
| -02 Temporary | 7,000.00 | 37,000.00 | 44,000.00 | 44,000.00 | 40,505.63 |
| -03 Personal Services | 1,000.00 | 274,400.00 | 275,400.00 | 275,400.00 | 252,228.38 |
| -08 Heat | -- | 100.00 | 100.00 | 100.00 | 69.89 |
| -10 Travel | 800.00 | 5,200.00 | 6,000.00 | 6,000.00 | 5,178.56 |
| -11 Printing | 5,600.00 | 13,000.00 | 18,600.00 | 18,600.00 | 18,600.00 |
| -12 Repairs | 200.00 | 1,100.00 | 1,300.00 | 1,300.00 | 1,033.03 |
| -13 Educational Supplies | 500.00 | 24,800.00 | 25,300.00 | 25,300.00 | 23,677.13 |
| -14 Office Supplies | 800.00 | 24,500.00 | 25,300.00 | 25,300.00 | 22,904.90 |
| -15 Equipment | 300.00 | 3,200.00 | 3,500.00 | 3,500.00 | 3,400.55 |
| -16 Rent | 500.00 | 6,700.00 | 7,200.00 | 7,200.00 | 6,795.20 |
| Totals | 322,899.00 | 400,000.00 | 722,899.00 | 722,899.00 | 689,378.50 |

*GED tests, transcripts, re-opening records, and evaluation fees.

**Includes \$62,500 from C.D.A.E.P.

TABLE V
CLASS COURSE ENROLLMENTS
July 1, 1964 to June 30, 1965

| I A. CLASSES | Number of Classes | Number of Registrations |
|----------------------|-------------------|-------------------------|
| 1. Degree Credit | | |
| a. Undergraduate | <u>118</u> | <u>3586</u> |
| b. Graduate | <u>11</u> | <u>406</u> |
| Total | <u>129</u> | <u>3992</u> |
| 2. Non-Degree Credit | <u>162</u> | <u>5333</u> |
| 3. Non-Credit | <u>299</u> | <u>12365</u> |
| TOTAL CLASSES | <u>590</u> | <u>21690</u> |

I B. CLASSES - REGISTRATIONS

| Class | Degree
Credit-UGraduate | Graduate | Non
Degree Cr. | Non
Credit |
|--------------------|----------------------------|------------|-------------------|---------------|
| Agriculture | <u>0</u> | <u>0</u> | <u>0</u> | <u>90</u> |
| Behavioral Scs. | <u>323</u> | <u>0</u> | <u>1046</u> | <u>940</u> |
| Biological Scs. | <u>24</u> | <u>0</u> | <u>458</u> | <u>0</u> |
| Business | <u>891</u> | <u>0</u> | <u>618</u> | <u>3853</u> |
| Education | <u>299</u> | <u>406</u> | <u>0</u> | <u>840</u> |
| Engineering | <u>319</u> | <u>0</u> | <u>41</u> | <u>1754</u> |
| Health Professions | <u>8</u> | <u>0</u> | <u>0</u> | <u>0</u> |
| Humanities | <u>831</u> | <u>0</u> | <u>1382</u> | <u>2183</u> |
| Law | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> |
| Phys. Sciences | <u>891</u> | <u>0</u> | <u>1788</u> | <u>242</u> |
| Interdisciplinary | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> |
| Other | <u>0</u> | <u>0</u> | <u>0</u> | <u>2463</u> |
| TOTAL | <u>3586</u> | <u>406</u> | <u>5333</u> | <u>12365</u> |

IIA. CORRESPONDENCE - REGISTRATIONS

| Courses | Degree
Credit-UGraduate | Non
Degree Cr. | Non
Credit |
|--------------------|----------------------------|-------------------|---------------|
| Agriculture | <u>0</u> | <u>0</u> | <u>0</u> |
| Behavioral Scs. | <u>207</u> | <u>611</u> | <u>0</u> |
| Biological Scs. | <u>0</u> | <u>392</u> | <u>0</u> |
| Business | <u>115</u> | <u>296</u> | <u>31</u> |
| Education | <u>89</u> | <u>0</u> | <u>0</u> |
| Engineering | <u>318</u> | <u>47</u> | <u>457</u> |
| Health Professions | <u>0</u> | <u>0</u> | <u>0</u> |
| Humanities | <u>1012</u> | <u>1027</u> | <u>273</u> |
| Law | <u>237</u> | <u>0</u> | <u>0</u> |
| Physical Scs. | <u>0</u> | <u>806</u> | <u>113</u> |
| Interdisciplinary | <u>0</u> | <u>0</u> | <u>0</u> |
| Other | <u>0</u> | <u>355</u> | <u>321</u> |
| TOTAL | <u>1999</u> | <u>3534</u> | <u>1195</u> |

TABLE VI - A
STATISTICS ON CORRESPONDENCE COURSES
July 1, 1964 - July 1, 1965
Enrollments in Correspondence Courses

| <u>No. of Lessons
Corrected</u> | <u>Month</u> | <u>Veterans</u> | <u>Disabled
Veterans</u> | <u>Free
Institutions</u> | <u>Senior
Citizens</u> | <u>Blind</u> | <u>Regular</u> | <u>USAFI</u> | <u>TOTAL</u> |
|-------------------------------------|--------------|-----------------|------------------------------|------------------------------|----------------------------|--------------|----------------|--------------|--------------|
| 2032 | July 1964 | 113 | 8 | 159 | 4 | 2 | 216 | 17 | 519 |
| 1939 | Aug. 1964 | 104 | 2 | 108 | 0 | 0 | 120 | 10 | 344 |
| 1787 | Sept. 1964 | 82 | 0 | 125 | 4 | 0 | 100 | 26 | 337 |
| 1913 | Oct. 1964 | 177 | 0 | 303 | 18 | 0 | 185 | 40 | 723 |
| 1844 | Nov. 1964 | 133 | 2 | 241 | 17 | 0 | 183 | 27 | 603 |
| 1980 | Dec. 1964 | 98 | 0 | 191 | 12 | 0 | 113 | 25 | 439 |
| 1974 | Jan. 1965 | 107 | 0 | 158 | 5 | 0 | 168 | 21 | 459 |
| 1849 | Feb. 1965 | 159 | 0 | 176 | 14 | 0 | 198 | 24 | 571 |
| 2475 | Mar. 1965 | 252 | 0 | 221 | 8 | 0 | 213 | 37 | 731 |
| 2100 | Apr. 1965 | 134 | 0 | 210 | 13 | 0 | 195 | 37 | 639 |
| 2188 | May 1965 | 118 | 4 | 168 | 9 | 0 | 148 | 25 | 472 |
| 2130 | June 1965 | 131 | 4 | 156 | 7 | 0 | 183 | 23 | 504 |
| <u>24211</u> | | <u>1658</u> | <u>20</u> | <u>2216</u> | <u>111</u> | <u>2</u> | <u>2022</u> | <u>312</u> | <u>6341</u> |

TABLE VI - B

STATISTICS - CORRESPONDENCE ENROLLMENTS BY CATEGORY

| ACTIVE
1963-64 | CLASSIFICATION | ACTIVE
1964-65 |
|-------------------|---------------------------------------|-------------------|
| 95 | Art | 88 |
| 373 | Automotive Courses | 355 |
| 306 | Bookkeeping and Accounting | 187 |
| 333 | Civil Service & License Preparation | 321 |
| 48 | Clerical and Stenographic Courses | 170 |
| 158 | Drawing, Design and Blueprint Reading | 147 |
| 77 | Economics | 49 |
| 40 | Education | 89 |
| 134 | Electrical Courses | 132 |
| 1488 | English and Literature | 1396 |
| 17 | Forestry | 0 |
| 493 | History and Government | 562 |
| 44 | Homemaking | 83 |
| 43 | Industrial Engineering | 110 |
| 294 | Languages | 261 |
| 160 | Law | 237 |
| 79 | Library Science | 75 |
| 42 | Management | 51 |
| 852 | Mathematics | 795 |
| 31 | Mechanical Drawing | 36 |
| 33 | Metallurgy and Welding | 31 |
| 279 | Music | 492 |
| 41 | Navigation | 41 |
| 109 | Psychology | 207 |
| 417 | Radio, Television and Electronics | 390 |
| 16 | Salesmanship and Advertising | 10 |
| 293 | Science | 392 |
| 26 | Sociology | 0 |
| 74 | Structural Courses | 79 |

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF EDUCATION UNIVERSITY EXTENSION DIVISION

TABLE VII State High School Equivalency Certificate Program 1945-1965

| <u>Fiscal Year</u> | <u>Applications Filed</u> | <u>Certificates Issued</u> |
|--------------------|---------------------------|----------------------------|
| 1945-46 | 2,950 | 48 |
| 1946-47 | 2,007 | 219 |
| 1947-48 | 827 | 305 |
| 1948-49 | 1,749 | 215 |
| 1949-50 | 1,172 | 264 |
| 1950-51 | 604 | 190 |
| 1951-52 | 595 | 178 |
| 1952-53 | 1,120 | 124 |
| 1953-54 | 1,661 | 155 |
| 1954-55 | 1,740 | 242 |
| 1955-56 | 2,073 | 303 |
| 1956-57 | 2,356 | 368 |
| 1957-58 | 2,236 | 400 |
| 1958-59 | 2,516 | 422 |
| 1959-60 | 1,797 | 431 |
| 1960-61 | 2,023 | 459 |
| 1961-62 | 2,064 | 505 |
| 1962-63 | 2,356 | 430 |
| 1963-64 | 2,526 | 488 |
| 1964-65 | 2,584 | 590 |

TABLE VIII Summary of Visual Instruction Service, 1953-65

| <u>Fiscal Year</u> | <u>No. of Bookings</u> | <u>Bookings of Cooperative
(Schools, Libraries, Hospitals)</u> | <u>Rental
Receipts</u> |
|--------------------|------------------------|--|----------------------------|
| 1953-54 | 2,300 | 24 | \$3,296 |
| 1954-55 | 3,450 | 66 | 2,042 |
| 1955-56 | 5,244 | 140 | 1,969 |
| 1956-57 | 7,300 | 114 | 1,649 |
| 1957-58 | 12,500 | 121 | 3,790 |
| 1958-59 | 13,479 | 125 | 3,096 |
| 1959-60 | 14,000 | 124 | 1,699 |
| 1960-61 | 13,099 | 155 | 2,193 |
| 1961-62 | 16,000 (approx.) | 151 | 3,207 |
| 1962-63 | 18,000 " | 143 | 4,932 |
| 1963-64 | 20,000 " | 167 | 5,299 |
| 1964-65 | 30,000 " | 295** | 6,793 |

**80 school systems - 36 public libraries - 10 state colleges - In addition 68 towns are served from the Regional Library Center at Worcester and 101 towns from the Regional Center at Springfield.

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF EDUCATION UNIVERSITY EXTENSION DIVISION

TABLE IX SUMMARY OF CIVIL DEFENSE ADULT EDUCATION SERVICES-PERSONAL AND FAMILY SURVIVAL COURSES

| <u>FISCAL YEAR</u> | <u>TOWNS SERVED</u> | <u>TEACHERS TRAINED</u> | <u>ENROLLMENTS</u> | <u>CERTIFICATES ISSUED</u> |
|--------------------|---------------------|-------------------------|--------------------|----------------------------|
| 1963-64 | 51 | 318 | 1966 | 1,611 |
| 1964-65 | 70 | 92 | 3072* | 2,998* |

TABLE X SUMMARY OF DAY CARE SERVICES AND COURSES

| <u>FISCAL YEAR</u> | <u>COURSES OFFERED</u> | <u>ENROLLMENTS</u> | <u>CERTIFICATES ISSUED</u> |
|--------------------|------------------------|--------------------|----------------------------|
| 1963-64 | 6 | 350 | 317 |
| 1964-65 | 15 | 552 | 508 |

TABLE XI SUMMARY OF CORRESPONDENCE SCHOOL SUPERVISION

| <u>FISCAL YEAR</u> | <u>SCHOOL APPLICATIONS
RECEIVED</u> | <u>AGENT APPLICATIONS
RECEIVED</u> | <u>RECEIPTS</u> |
|--------------------|---|--|-----------------|
| 1963-64 | 7 | 60 | \$1,900 |
| 1964-65 | 5 Original
7 Renewal | 110 Original
24 Renewal | \$3,300 |

ANNUAL REPORT

Division of Vocational Education

Year Ending June 30, 1965

AGRICULTURAL EDUCATION
DAY SCHOOLS AND DEPARTMENTS

The 54th Annual Professional Improvement Conference for teachers of vocational agriculture was conducted on June 29 to July 1st inclusive. The theme of the conference highlighted "The Expanding Role of Vocational Agriculture." Featured speakers included H. Neville Munsicker, Chief of Occupational Branch, U.S. Office of Education, and Dr. David R. McClay, Head, Teacher Education, Pennsylvania State University. Both speakers emphasized the need for updating the instruction to meet the present and future needs. Over 100 teachers and guests attended the conference held at the Norfolk County Agricultural School. Rhode Island teachers attended as invited guests.

A successful panel was held on the topic "Providing Occupational Experiences in Off-Farm Agricultural Occupations." Areas receiving attention ranged from conservation to agricultural mechanics. A critic-teacher workshop was held for one-day (July 9th) at Norfolk for the purpose of strengthening the apprentice training experiences and developing some guidelines for the program. Eleven individuals participated.

State Teacher-Trainer, assisted by State Supervisor, conducted a two-day inservice course on July 15-16 at the Waltham Horticultural Experiment Station. Emphasis was placed on "How to teach Off-Farm Occupations." Twenty-two teachers attended.

First-year teachers met on July 13 at Norfolk for the purpose of sharing problems encountered and resolving same in a professional manner.

A committee of twelve was organized to revise, adopt and recommend a position paper for use as a guide in preparing the State Plan for Agricultural Education. The State Supervisor and State Teacher-Trainer met on September 22 with this consultant committee. As a result, a firm understanding was developed as to realistic programs possible under P.L. 88-210.

From industry a two-man advisory committee in the area of farm machinery designated by the Farm and Industrial Equipment Institute has guided our program in agricultural mechanics. A 13th year program will be initiated in the Fall as a result of their assistance.

Six area meetings were conducted as inservice sessions to upgrade employed teachers. Every effort was made to stimulate action in curriculum development and revision necessary to meet the needs of those students entering off-farm agricultural occupations.

Four issues of inservice letters were prepared and distributed to teachers and others.

Four issues of the Bay Stater were prepared and distributed to members of the FFA.

The State Officer Handbook was revised and used by all State officers.

A course outline was prepared for an inservice course on front end loaders and back-hoes.

The State Supervisor assisted in preparing material and advising those in charge of surveys conducted for the purpose of planning area vocational schools.

The Teacher-Trainer served as resource person for a special guidance program at Fitchburg State College. This was a special two-week program for high school guidance teachers (25 enrolled).

Loan of audio-visual equipment and preparation of transparencies were services rendered us by the audio-visual section.

To up-grade instruction in technical agriculture, approximately \$35,000 of P.L. 88-210 funds have been allocated schools to purchase approvable items of equipment.

One new facility will be opened at Norfolk in September which includes two modern science laboratories, library, two classrooms, audio-visual center and combination gymnasium-auditorium.

At Essex, ground has been broken for a \$500,000 science building.

Four centers are in the process of adding new greenhouse facilities, each with 1000 square feet under glass.

Considerable help has been provided several schools under P.L. 88-210 funds in up-dating their libraries.

Secondary programs

Placement follow-up studies reveal that graduates are finding employment in off-farm agricultural occupations at an increasing rate. Fewer and fewer graduates are becoming established in farming; fewer graduates are found in production agriculture. Excellent opportunities are available for cooperative work programs for students. Demand exceeds the supply of available students.

Post-secondary programs

Programs are established in two schools, Essex and Norfolk, with a total enrollment of 50 students. Course offerings are in Ornamental Horticulture, Forestry and Wildlife Management and Agricultural Mechanics. Approval has been given for the training of Operators of Earth-moving equipment. To date Associate Degrees have not been granted in the post-high school programs. Efforts are being made to interest Bristol in establishing a post-secondary program.

Programs for Adults

We recognize that more adult classes should be offered by high school departments. They are needed especially in ornamental horticulture and in the operation of agricultural businesses. These courses should be designed to improve living standards through increased income.

The County Schools are offering a variety of adult courses in agriculture. In addition to conducting evening courses the county schools have successfully completed nine manpower programs in the past year. Only one high school department - Worcester - has undertaken a manpower course. The latter program is in Ornamental Horticulture.

Curriculum revision and development

In an effort to revitalize the curriculum, six district meetings were conducted on course revision and adjustment of the curriculum.

Major curriculum changes involve the expansion of the plant science area of agriculture. Programs are being strengthened in ornamental horticulture, landscape gardening, floricultural and floral design.

One other development is in agricultural mechanics in which emphasis is being placed on small engine maintenance and repair. Also, tune-up kits have been added in many school shops to provide training in adjusting tractor engines for better performance.

All High School departments have been evaluated by the N. E. Association of Colleges and Secondary Schools. The County Agricultural Schools have yet to be evaluated but have taken the initial steps.

New programs

At Norfolk, a course in the post-high school program has been approved for the training of operators of light earth-moving equipment including preventive maintenance and repair.

Charlton, Silver Lake, Narragansett and Worcester are erecting greenhouses which will allow formal training in ornamental horticulture and related fields.

Youth organizations

The State FFA Program is very active. A 2-day leadership school was held for the State officers. The State officers participated in the New England Leadership Training School. Several days were spent in helping with the Regional FFA activities at the Eastern States Exposition. Nine State Judging Contests were conducted at the University in the Fall and again in the Spring with excellent participation. Five State FFA teams participated in the National contests. Leadership schools for Chapter FFA officers were conducted in three centers by the State Staff and State officers. A successful State FFA Convention was held April 13-14. A strong State FFA Foundation has been maintained. Members have availed themselves of both State and National Foundation awards through meritorious achievements in agriculture and leadership.

Recruitment, retention and placement

More changes in teaching personnel has taken place during the past year than usual. This has been due to five retirements. Fortunately, more than usual qualified individuals have been recruited from industry. All have received counsel and guidance through interviews with the State Supervisor. A total of fifteen students were enrolled in the preservice teacher training class. Because Massachusetts utilizes primarily, specialized teachers, it becomes a real concern to fill all vacancies. It has been necessary to continue the plan of approving teachers subject to the completion of the required teacher training provided an individual is qualified in all other respects.

Two critic teaching centers were added during the past year. Six seminars were held for five apprentices. Each apprentice was visited four times each while teaching.

Teachers engaged for the MDTA Programs have received a special 30 clock-hour unit course.

Research and studies

The State-wide study to determine the employment opportunities and needed competencies in agricultural occupations other than farming was completed. In thirteen occupational groups the survey showed a total of 25,509 full-time and 6,460 part-time workers. A total of 378 firms were surveyed. Employees indicated that 20,275 workers of their employ needed agricultural competencies to succeed. More employment opportunities were found in off-farm agricultural occupations than the number of individuals adequately trained. Employers desired better-trained workers in off-farm agricultural occupations. Many employers expressed a desire that their present employees undergo supplemental training in the performance of their jobs.

Results of the findings will be utilized to point out to superintendents and members of school committees justification for training in agricultural-related occupations.

Enrollment in the all-day agricultural programs increased slightly, totalling 1,362 individuals. A total of 163 graduated in June. Concern was focused on the 126 withdrawals (9.1%). However, the majority of withdrawals were found not to be school dropouts as they transferred to general education.

Follow-up of graduates (204) from the 1963 class revealed that 35% continued their education. Of those available for employment (97) a total of 84 were placed in the occupation for which trained. Only 11 individuals were employed in a field not related to agriculture. Only two individuals were reported as unemployed.

Joint activities

The supervisor served as chairman of a committee representing all services in developing administrative procedures for the establishment of programs for the socio-economically handicapped youth.

Program interpretation and promotion

All schools have been urged to develop brochures for distribution to parents and prospective students. Nearly all schools revised their plan of instruction during the past year.

Three out-door billboard posters were erected throughout the State to observe National FFA week. The theme was "Agriculture-Our National Heritage."

The Supervisor met with several school committees and Boards of Trustees to interpret the program as now permitted under revised State Plans.

Additional significant information and material

Dual job-holding among farmers is prevalent in the State. It is a sign of a rapidly changing agriculture. The part-time farmer on the average is younger than the full-time farmer. He has completed more years of school. He works more hours per year. He seeks out new practices and accepts them more readily than older farmers.

To meet this change no major changes appear to be needed in the instructional program in the first two years of high school. In the junior and senior years, as well as for grades 13 and 14, the curricula for students planning for careers in agricultural businesses is being adjusted to include not only courses in production agriculture but also courses in appropriate business subjects.

The implementation of the Willis Study Commission of schools, followed by new statutes already passed by the legislature which includes abolishment of the division of vocational education is expected to affect the administration of all branches. It is too early to make any prediction of outcomes.

TRADE AND INDUSTRIAL EDUCATION

BOYS AND MEN

One of the most successful means of fulfilling the required 30 clock-hours of Professional Improvement Work for teachers is attendance at the Annual Vocational Summer School Conference. This year, the conference was held at the Fitchburg State College during the week of June 28 to July 2. Approximately 750 teachers (men and women) were in attendance at this conference.

The conference, as usual, was organized to provide instruction and information in specific fields for teachers who were employed in those fields. While each one of the separate conferences were most successful, it would be difficult to pick the highlight of the entire conference. However, it can be very well said that some of the larger groups, as teachers of auto repair, machine shop, were most fortunate in having the cooperation of the General Motors Corporation and various other industries who not only provide members of the instructional staff for the entire week, but sent representatives who were specialists in their particular field to address the groups. This also applied to teachers of Home Economics, Adult Homemaking, and Health Occupations.

Demonstrations were given by outstanding teachers in the following fields: Machine Shop, Electronics, Printing, and Carpentry.

Lectures were given also by the State Supervisor of Health Occupations and by the State Supervisor of the Trade and Industrial Education, Agricultural, Distributive Education, Home Economics, and Adult Homemaking Education.

This year, at the Fitchburg State College Workshop, instructors of Sheet Metal were combined with teachers of Welding, so that each of these trades would receive instruction on Metal Fabrication and Precision Sheet Metal. In industry, there has been a definite crossover between Welding, Precision Sheet Metal, Sheet Metal, and Fabrication of very heavy gauge sheet steel. Some of the new vocational-technical schools have established Metal Fabrication Departments, which have tremendously powerful machines, some with a capacity of forming one-quarter inch thick sheet steel. It was felt that all teachers in the Sheet Metal and Welding fields should have demonstrations of the use of this power equipment, in order that they would be abreast of the new developments in Metal Fabrication. Along with this very heavy metal fabrication, another development in Sheet Metal work, known as Precision Sheet Metal, has been steadily increasing. This increase has been brought about by the Electronics industry which demands cabinets made with great precision, sometimes with only a two or three thousandths of an inch tolerance. In the Precision Sheet Metal field, the layout work is one with the most aspects, and the use of special equipment for following this layout is needed. Therefore, demonstrations in Precision Sheet Metal Fabrication were also given. This particular workshop was of thirty hours'

duration, six hours a day, five days a week. Approximately forty teachers of Sheet Metal, Welding, and Metal Fabrication were in attendance. Great emphasis was placed, at the Fitchburg Workshop, on the importance of Related Work. This was emphasized for the teachers of Carpentry, Cabinetmaking, and Machine Shop Practice.

In Framingham, a Curriculum Development Workshop was conducted by the State Supervisor for the purpose of developing a standardized course outline for each year in an Electronics Training Program. It is hoped that these workshops would provide an outline which would encompass all the material necessary that should be covered for a beginning electronics trainee, through the level of a post-graduate two-year technical program.

A follow-up conference with the Director of Apprentice Training, General Electric Plant, Pittsfield, last year, was held this year for further development of the idea of accepting apprentices from our trade high schools, who are graduates in specific trades, to enter into the Apprentice Program at General Electric, for further training in skilled trades. Also, for producing technicians, a specific Apprentice Training Program was organized by that company for graduates of the thirteenth and fourteenth grades in Springfield and Worcester Technical Institutes. The report received from the Director of the Apprentice Training shows that all pupils, who were accepted both from the trade high schools and the technical institutes, made good in the company's training program.

Again this year courses were established for our Auto Mechanics teachers. Courses were established with the Bear Company for training in new technological advances and wheel alignment, wheel balancing, and brake service.

Special classes of instruction were given on a new type of dynamometer (auto roll) which many of our schools are acquiring. To keep our teachers up to date in the technical changes in the foreign car market, courses were conducted at the Volkswagen Training Center. Consultations were held with architects and builders of our new Vocational Schools and Regional Vocational Schools.

The proper use of Advisory Committees by the State-aided Trade Schools in Massachusetts is the backbone of effective skilled trade training. While these committees have advisory powers only, their influence is very evident in providing adequate equipment and in the revision of curricula for keeping up to date in industrial practices. Not only do these committees provide invaluable assistance to trade training, but also to all five fields of Vocational Education in operation in this State.

The State Supervisor was responsible for organizing three workshops and in-service training programs which were held at the State College at Fitchburg during the summer of 1965. Each program was established to train twenty conference leaders totaling 60 leaders in Supervisory Instructor Training, Techniques of Supervision, and Conference Leadership. This group was then individually assigned to various industrial organizations, hospitals, banks, stores, etc., where each leader trained approximately twenty persons in one of the three fields mentioned above.

The Guidance Workshop for Junior High School counselors and Directors of Guidance, which was so successful at last year's conference, was continued this year. Practically the same organization was followed whereby outstanding instructors gave demonstrations of the completion of a specific project in each of their fields so that these Guidance Counselors would have a better idea of the type of instruction being offered in our vocational schools. This year also, this particular group visited the Wyman and Gordon Company in Grafton, Massachusetts, to take a good look at the type of work being done in industry. It is amazing how little many of these Guidance Counselors know about the objectives of vocational education or what industry would expect from graduates of vocational schools. Therefore, this particular Guidance Workshop is extremely important for the proper counseling and guidance of students on a junior high school level, so that more pupils, who really want and need vocational education, may be guided into vocational schools by counselors, who have, at least, an appreciation of what these youths would expect to find in a well-organized vocational program.

During the fiscal year 1965, much emphasis was put on the preparation of Work Study Programs and Pilot Programs for the academic, socio-economic and other handicaps. Because the money was not forthcoming from Washington, we were unable to put as many of these programs into operation as we would have liked. There were many conferences with the Department of Welfare where the ground rules for both departments on implementing these programs were discussed.

An after-school program for potential drop-outs was put into operation at the Grafton Street Junior High School in Worcester. This course consisted of two groups of boys and one group of girls. There were 15 students in each group. The boys spend two hours in the Wood Shop for a period of 10 weeks. This coupled with close guidance, which consisted of home visits plus individual guidance sessions, plant visits, and visits to the Employment Security Office, gave the boys a better saleable skill if they chose to leave school or chance decide on a unit trade for their high school career. The girls spend 10 weeks in the Food Trades and 10 weeks in the Nurses Aid Programs. They had visits to hospitals and nursing homes, plus the guidance, etc., that went with the boys' programs. Both of these programs were very successful. Graduation exercises were held and certificates were presented to 40 out of the 45 students that started the course.

An evaluation of this course was made by the Guidance Department of the Worcester Public Schools and it was voted by the school committee to install this special Occupational Preparatory Course in three of the five junior high schools in Worcester during the school day. Work Study Programs were tried out for the month of June and proved so successful that 35 communities participated in this program for the Summer months.

Every community from the top executive down to the custodian seems to be enthused about this program. They are getting work done that never would have been done if it were not for this project. The boys and their parents seem grateful for the opportunity to earn money to help continue their education. The school officials feel that this will be a help in keeping up good marks in the regular day school.

Because of the study during this year, programs were in operation during this summer for the potential drop-outs in conjunction with the Work Study Program. These programs are short Remedial courses, Data Processing, Electro-Mechanical Devices, Food Trades, and Recreation, etc.

During the fiscal year 1966, many pilot programs for the academic, socio-economic and other handicaps in practice will be held. It is felt that there is a great need for remedial work and upgrading of these students.

State Supervisors in the Vocational Division are frequently called upon to assist the Division of University Extension in the evaluation of persons who are applying for High School Equivalency Certificates.

The Division of Audio-Visual Services and the Library Division contributed their services when needed to the Division of Vocational Education.

The State Division of Vocational Education has its own guidance and counseling service, but with only one Senior Supervisor in charge, it becomes necessary sometimes to call for assistance from guidance personnel connected with general education.

Close relations are still maintained with the Division of Teacher Certification and Placement in reference to certification of teachers of academic subjects.

Supervisors of the Division of Vocational Education serve on committees for secondary school evaluation by the New England Association of Colleges and Secondary Schools.

Secondary programs on the preparatory level are constantly being revised and organized.

Revisions in programs are being made with the thought of introducing more of the concrete academic offerings such as Mathematics and Science in addition to the related work being offered. This requires, in some cases, a re-organization of six and seven period days to an eight period schedule, and a strict adherence to the minimum six-hour day requirement.

Post-secondary programs in the cities of Springfield and Worcester are continuing to expand. Springfield opened its' new Technical Institute Building and Worcester continues construction on their building which will be opened in the near future. Added to the course outline in the Mechanical Technology, Electronic Technology and Machine Design Technology courses at Springfield have been numerical controlled equipment and EDM (Electrical Discharge Machining) which should have a tremendous impact in bringing the offerings up to date with current practice in the manufacturing industry.

Post-secondary programs are particularly evident in the new effort on the part of small communities to regionalize. Emphasis is on newer developments. Once thought of as suitable only at a collegiate school level, these are being introduced - such as optical technology, together with an upgrading in other fields.

Forty-six Supervisory Training Programs were conducted throughout the year, with a total enrollment of 697.

Seventy (70) different organizations were served in 15 localities throughout the State.

In order to make effective use of new equipment including a Numerical Control Machine in the New Bedford Vocational High School and the Springfield Trade High School and Jig Boring Equipment at the Westfield Trade High School, it is necessary that the curricula be revised in order to provide more effective training in the use of this equipment.

The curriculum in the Graphic Arts Department at Springfield, Holyoke, and Attleboro, was also revised to adequately cover the latest techniques in the graphic arts field.

During the coming school year, a program entitled "Optical Technician" will be offered at the Worcester Industrial Technical Institute. This is a two-year program and was established at the insistence of the Optical Industries in the Worcester area. Revisions have been made in the Data Processing Program at the Springfield Trade High School to cope with the new electronic devices which have been added to this department.

The Greater Lawrence Regional Vocational Technical School will open in September and curricula have been developed to meet the needs of several different trades and occupations being offered.

Curricula is also being developed for the anticipated opening of the Blackstone Valley Regional Vocational Technical School, Southeastern Regional Vocational High School, Blue Hills Regional Vocational Technical School, and the Upper Cape Cod Regional Vocational Technical School. In these schools that are not as yet in operation, Directors have been employed in order to prepare curricula and order the necessary equipment. This procedure was first started when the North Adams - Charles H. McCann Regional Vocational-Technical School District opened and has proved most successful.

To cope with the President's emergency measure of training the unemployed, under-employed, dis-employed, and high school drop-outs, recruiting and training of special teachers was necessary particularly in occupations which were not offered in the State-aided Day Vocational School. Thirty clock-hour Teacher Training classes were established in strategic areas of the State. These occupations included: Fishing, Veterinary Aide, Arborists, Landscape Gardening, Floral Designing, hoisting engineering, waitressing, hotel management, sewing machine repair, watch repairing, shoe rebuilding, gas station attendants, custodians, meat cutters, surveyors.

All teachers of apprenticeship training, trade extension, and Manpower Development and Training Act programs were required to complete a thirty clock-hour teacher-training course. Occupations and job analysis were covered together with lesson planning and demonstration teaching in this short intensive course. During the year, courses were conducted by the staff of teacher-trainers or on Saturday by State Supervisors of Teacher-Training.

In answer to a request from Mr. W. D. Holley, Executive Secretary, American Vocational Association, a brochure on Massachusetts Vocational Technical Education was prepared to assist in the public information exhibit at the Hall of Education at the 1965 New York World's Fair (copy attached). Students in the industrial design and graphic arts departments at the Attleboro State High School designed and printed 1500 of these brochures.

There has been a tremendous amount of cooperation between the on-going Vocational Programs and the newly developed VETA-MA Programs. This cooperation has taken the form of the use of facilities and equipment. Vocational Education has provided many faculty members on a part-time basis. Supervision and administration has been done by the administration personnel of the traditional vocational program and occupational information and guidance services have been made available in many cases for VETA trainees by traditional vocational educators.

Private Trade Schools

Under the Private Trade School Law, General Laws, Chapter 93, as amended, work was continued during the reporting year, July 1, 1964, to June 30, 1965, in the following categories:

- (1) Processing of applications for new schools for licenses.
- (2) Processing of applications for annual license renewals.
- (3) Investigation and resolution of student complaints.
- (4) Answering oral and written inquiries for information about educational opportunities offered by both public and private schools.
- (5) Evaluation of new and revised courses of study.
- (6) Checking and evaluating progress of enrolled students, in both day and evening classes.

The number of licensed schools, on June 30, 1965, for each of the four reporting periods is:

1962 - 41 schools
 1963 - 41 schools
 1964 - 37 schools
 1965 - 35 schools

During the current reporting year:

Two schools discontinued operation.
 Two new schools were licensed.

Analysis of license fees received:

| | |
|--|------------------|
| 2 original licenses @ \$100. | \$ 200.00 |
| (Patricia Stevens Career and
Finishing School; Cinderella
Career and Finishing School) | |
| 33 renewal licenses @ \$50. | 1650.00 |
| | <u>\$1850.00</u> |

Several modifications of existing approved courses of study were evaluated and approved.

Surplus Property

During the fiscal year we distributed to the eligible units in Massachusetts surplus government property valued at \$12,878,508.12 for use in their programs.

The vocational and technical programs were able to obtain a large volume of material and supplies such as bar and sheet stock, electronics, electrical and mechanical supplies, machine and welding tools and equipment and laboratory equipment.

TRADE, INDUSTRIAL, AND HOME ECONOMICS EDUCATION

GIRLS AND WOMEN

Following an experimental program at Boston Trade High School for Girls last year, it was decided to continue the remedial reading class for special students having limited reading ability and comprehension. Follow-up studies prove the worth of this special training unit in terms of pupil retention in school.

Due to anticipated cost of replacing outmoded equipment (in terms of per pupil cost) it has been voted by the Governing Board of Trustees to coordinate the Printing Department of the Worcester Girls Trade High School with the Worcester Boys Trade High School commencing with the 1965-1966 school year.

With the completion of a new wing at the Springfield Trade High School, space has been made available in the Girls' School, which space has been remodeled and equipped as additional bake shop area. An additional Bake Shop instructor has been added to the staff thereby strengthening the instructional program and making it possible to serve a larger number of pupils in the Food Trades program.

The new Greater Lawrence Vocational and Technical Institute due to open in September 1965 will offer a 4 year program in Food Service.

In September 1965 Holyoke High School will have completed department renovations and is due to commence a 2 year training program in Food Service at secondary school level and also an M.D.T.A. Food Trades program.

The Annual Conference for Vocational Home Economics teachers was held on October 30, 1964. Sixty teachers participated in this all-day conference. The theme was related to present trends in Home Economics Education affecting Secondary Programs. A keynote speech by Dr. Constance B. Jordan, Head, Home Economics Education Division, Framingham State College, provided background information. Other aspects introduced were: Family Life Abroad, an illustrated lecture by Miss Genevieve Wheeler, attendant of the International Conference of Home Economics in Paris, France; Contributions of Future Homemakers of America, presented by Mrs. Marian Wilson, Executive Secretary, Massachusetts Future Homemakers of America; lecture, and question-answer period of an overview and related implications of the Vocational Education Act of 1963 to Home Economics Programs.

The State Director of Vocational Education called an all-day meeting on December 1, 1964, of the Directors of the Trade High Schools for Girls, the Department Heads of the all-day Vocational Homemaking Schools, and of the State Supervisors of Trade and Industrial Education for Girls and Women, of Distributive Education, of Home Economics Education, and of Practical Nurse Education and other Health Occupations. The purpose of this meeting was to project ideas and earliest suggestions of ways to implement the Vocational Education Act of 1963. This meeting was held at the Springfield Trade High School, with about fifteen persons participating in the discussion.

The following is a list of the names of the members of the American Medical Association who have been elected to the office of President for the year 1919. The names are listed in alphabetical order of their last names.

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A State Supervisor of Home Economics Education participated with approximately 200 leading home economists in the American Home Economics Workshop on "Working With Low Income Families," conducted at the University of Chicago, March 15 - 19. As an outcome of attendance at these meetings, she has been instrumental in formulating plans for the State Home Economics Fall Workshop which will be patterned after the Illinois conference. Informative tapes purchased at the workshop will be shared with Vocational Educators throughout Massachusetts.

The State Supervisors of Home Economics Education attended the Federally-sponsored Regional Conference held in Boston during the week of February 1 - 4. The Staff members of the Vocational Division of the Department of Education in the New England States were represented at all meetings. Information gained from these meetings has been related to other vocational educators throughout the State by means of area meetings and conferences as well as direct implementation within specific school communities.

A State Supervisor of Home Economics Education was a member of the Committee for evaluation of the Murdock Junior-Senior High School in Winchendon, Massachusetts, representing the New England Association for Accreditation of Colleges and Secondary Schools. This committee of 15 persons worked on this project December 6 - 9, 1964. The areas of concentration for the Supervisor were Health Services, Health Education, and Home Economics. Commendations and recommendations were made relative to each department following a concentrated period of investigation and observation.

A program of curriculum revision has been initiated and is being conducted by the State Supervisors of Home Economics during the months of July and August 1965, at Fitchburg State College in Fitchburg, Massachusetts. The plan is designed to develop a guide usable to the teacher as she plans and supplements the published structured device to meet the needs within her own teaching community.

As a result of the passage of the Vocational Education Act of 1963, Vocational Education in Home Economics in Massachusetts has a two-fold objective, namely; to provide instruction which will enable individuals and families to improve their family life through more effective utilization of human resources, and to develop wage earning programs centered upon occupations which use home economics knowledge and skills.

Subject matter committees met to develop the main body of the guide for each area of content. Each committee, insofar as possible, consisted of a Vocational Home Economics teacher, a General Home Economics teacher, and a College or University Subject Matter Specialist. The State Supervisors of Home Economics served as coordinating consultants for the groups. Written materials from the Federal office have been utilized in developing the plan.

The State Supervisors of Home Economics have continued to work with the State Supervisor of Occupational Information and Vocational Guidance following the occupational surveys which have been made to determine the need for proposed Regional Schools particularly. Consideration has been given to the need for Home Economics Programs as well as Girls' Trade and Industrial Programs.

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The Department of Audio-Visual Aids has cooperated most effectively in making available to the Vocational Division, materials for use at the various meetings and conferences throughout the year.

As formerly, the State Supervisor of Home Economics has worked closely with the Division of Teacher Certification and Placement in connection with the approval of Home Economics teachers for Junior and Senior High Schools.

The new Home Economics-Science building which was opened in September, 1962, has provided very adequate facilities for teacher-training. New Audio-visual aids equipment and equipment for reproducing teaching materials have been added this year. The education laboratory has made possible the use of more extensive teaching techniques and demonstration lessons.

Pilot programs at the Adult level have been initiated at David Hale Fanning Trade High School. These have been "The Friendly Visitor" and "The Visiting Homemaker."

The State Supervisors of Home Economics Education visited two communities in answer to inquiries relative to establishment of a Vocational Home Economics Program. Rockland High School and Tantasqua Regional High School are considering instituting a Vocational Program, but have not submitted a confirmation to date.

It is gratifying to report that one (1) new Chapter affiliated with the Massachusetts Future Homemakers of America this year in North Brookfield, Massachusetts. Owing to a combination of factors resulting in the necessity of a two-session program in the Arlington High School, this Future Homemakers of America Chapter has not been able to function actively this year. There are fifteen (15) affiliated F.H.A. Chapters this year with a membership of four hundred and eighty seven (487) girls.

The preservice teacher education program at the State College in Framingham has been under extensive study this year. Two education course outlines - Principles of Teaching and Methods and Materials plus Educational Psychology - were carefully analyzed for content and duplication of material.

The Teacher Educators and the Vocational Supervisor revised this material into one intensive education course which will incorporate general principles of teaching and methods and materials.

An "Occupational Information" program has been initiated in Worcester, Massachusetts, at the junior high school level.

The persons involved in this pilot project were fifteen (15) girls at the ninth (9th) grade level. The pupils were selected on the basis of having qualities indicative of potential dropouts and showing evidence of need for remedial work. Selection was made by guidance counselors within the Worcester School System. Following selection, home visits were made to acquaint parents with the purpose of the program.

The objectives of the project were to acquaint pupils with employment procedures, wage earning opportunities and with further preparatory programs of employment training.

Following a survey indicating potential employment possibilities within the scope of the foods and clothing, programs for a course in Cooperative Foods and Cooperative Clothing are being planned for the school year 1965-1966 at Saugus High School.

Adult Homemaking and Craft

It is the responsibility of the State Supervisor to arrange workshops for Professional Improvement at the Vocational Summer School. Other workshops are organized throughout the state as required and deemed feasible. In order to assist teachers of adult homemaking to fulfill the requirement of 30 clock-hours of professional improvement, the following were organized: Springfield - Art in Clothing, Art for the Homemaker; - Worcester - Tailoring Techniques for teachers of dressmaking; Barnstable - Contemporary Design for Homemakers.

At the Annual Vocational Conference, at Fitchburg State College, the purpose has been to stress methods of teaching, to review current technical skills and knowledge, to update teachers on new trends and developments as they affected the adult homemaking field. The following workshops were conducted at this Conference: Clothing: Fur; care and repair of fur - the making of small accessories, English Smocking; techniques and methods of adapting to various types of clothing for mother and daughter, Pattern Drafting; principles of making own patterns, Garment Alteration; training for potential workers in an alterations room or in a dress shop; Flower Arranging: In keeping with the increasing use of flowers in the home; Knitting: Curricula for knitting instructions were reviewed and revised; Two commercial concerns loaned garments for fashion shows; Millinery: For professional milliners to exchange ideas and to be upgraded - Millinery for Dressmakers: Methods of using coat and dress material for matching accessories; Rug Braiding and interior coordination; Tailoring techniques; Drapes and Curtains; Foods; catering for homemakers - meal planning and nutrition - prepared and served a buffet.

The State Supervisor of Adult Homemaking was invited to attend local school committees and advisory committee meetings. The purpose of these conferences was to discuss organization of new programs as well as expansion and revision of programs already organized. Other visits were made by the State Supervisor on invitation of those interested in establishing or re-establishing a program of adult homemaking. During these visits the supervisor discussed the requirements necessary for the establishment of Adult Homemaking Programs. These requirements included ten approval factors, which must be made before State reimbursement can be recommended for approval.

The State Supervisor was President of the National Association of State Home Economics Supervisors. She attended the AVA Steering Committee in Washington, planned the AVA Program and secured speakers. Permission was not granted to attend the Annual AVA Convention in Minneapolis, so Massachusetts did not have the honor of a presiding officer.

The State Supervisor cooperated with the United Community Services of Greater Boston. This association puts on the 60-Plus Program each year.

This is attended by about five thousand (5000) senior citizens who come on foot locally, by public transportation or are carried on buses from ninety (90) communities surrounding Boston. The State Supervisor was responsible for planning, preparation and supervising of seventy-five (75) demonstrators.

The State Supervisor represents the Department of Education on the New England Craft Council. This group meets three times a year. Its purpose is to increase interest in the craft program in the New England area, to encourage teachers as well as craftsmen, to upgrade standards of workmanship, and to cooperate in the organization of fairs and seminars for craftsmen throughout the area. This year, one of its goals is to provide an outlet for emerging craftsmen. The exhibit of such work will be on display at Rhode Island University.

The State Supervisor works with Teacher Trainers three times yearly on planning and revising the teacher training outline. Each teacher develops her own course outline. Copies of these are not made and are not available. The courses of study are subject to constant revision and are developed individually by teachers to be more meaningful as they keep abreast of new ideas in related occupations.

Candidates for teaching Adult Homemaking who do not have the required high school education are referred to the State High School Equivalency Program in the Division of University Extension. Many teachers have availed themselves of this service to obtain their high school equivalency certificates. The State Supervisor cooperates in evaluating work experience toward high school credit. Evening school teachers who wish to go on to college are guided in their choice of curriculum.

Throughout the Commonwealth there are 152 communities with active programs or with preliminary organization plans under way. (135 in operation - 17 under advisement).

Approximately 38,000 adult homemakers attend these classes which are taught by 1,845 instructors.

PRACTICAL NURSE EDUCATION

OTHER HEALTH OCCUPATIONS

A concentrated program toward professional improvement for the instructors in the field of practical nurse education and other health training programs is offered during the annual summer conference, conducted yearly during the last week of June.

This year the conference was held at Fitchburg State College, June 28 - July 2, 1965, and was focused on the future implementation of the new Criteria and Curriculum for Practical Nurse Education recently approved by the Board of Registration in Nursing for the State of Massachusetts.

The major inservice education effort was at the Professional Improvement Conference in Fitchburg, June 1965. At this time resource personnel from the Boston University, Boston College and others participated by presenting material dealing with the major curriculum revisions required by the Board of Registration in Nursing. This was focused on the needs of the students and instructors in the practical nursing schools.

During the year the Supervisors participated also in the Annual Mid-Winter Directors' Conference, March 1-2, 1965, and was focused on the interpretation of P.L. 88-210. The supervisors conducted panel sessions and buzz sessions. Approximately 70-80 local directors and other educators were present at this conference.

In addition to these major conferences, the supervisors attended as many local advisory committee meetings as possible. At these meetings the supervisors described the current developments in practical nurse education, other health occupations, and attempted to assist with solutions of local problems. Encouragement was offered to each group to continue needed expansion of practical nurse programs and to develop other health occupations training to meet the needs of the community. The responses from the local advisory group often indicate areas of need which are considered either in conferences with nurse coordinators, or at various faculty meetings.

Assistance in preparation for the professional improvement conference was rendered by the Audio-visual division. Aside from this, there has been no significant cooperation between other State education personnel and the Supervisor of Health Occupation Training.

Teacher-Training is offered annually at the Fitchburg State College. The present plan of the home economics teachers and the nursing instructors for the 60 clock-hour teacher-training is very successful, thus far. However a revision in the program is currently contemplated. Regional training centers might prove more adequate for State wide needs. At present housing is inferior at Fitchburg State College.

Orientation on employment is offered by local directors and by visits of the Supervisor.

There are seventeen post-secondary preparatory programs of practical nurse education established under the auspices of vocational education in Massachusetts. These programs are centered in the vocational schools of the state, with geographical distribution to provide easy access for commuting students. All utilize local hospital facilities. A new Criteria

and Curriculum Standard is to be implemented in all programs. One program is being conducted as a pilot program utilizing the new Curriculum which is organized on a twelve month basis. Ordinarily fifteen months are required for this program.

The total number of programs includes the five conducted under Manpower Development & Training Act funds.

The results of the licensure examinations indicate that out of 29 graduating from various schools, the vocationally funded programs rank from approximately 2nd to 15th in the state.

The emphasis continues the needs of the chronically ill and geriatric patients. More and more frequently, the effort is being made to obtain clinical experience for students in suitable nursing homes or geriatric care units.

It is customary for these programs to admit two classes a year, once they become well established. Because of the implementation of the new Curriculum, increasing work loads, and lack of faculty, some of these programs are planning to admit only one class a year, with stronger integrated class and clinical experience.

The national trend toward younger students is reflected in the incoming classes. Many candidates are entering the September class following their graduation from high school.

There are problems relating to recruitment of too many applicants for the well-established programs and too few for the newer programs. Efforts to build a strong publicity program and recruitment campaigns continue to be needed in more isolated areas and in newer programs.

At the present time in Massachusetts, there are four Dental Assistant Programs, nine months in length, on a post-high school level; one in Springfield, North Adams, Worcester and one at Northeastern School of Continuing Education in Boston. The latter two are funded from the Manpower Development and Training Act.

There are three Surgical Assistant Programs, one in Springfield, another in Worcester, and a third in North Adams. The program consists of a combination of class and operating room experience and is approximately nine months in length including the internship period.

There are two Medical Laboratory Assistant Programs, one is ten months and the other is fifteen months in length, one in Springfield and one at Northeastern University under M.D.T.A. funds. The program consists of a combination of class and laboratory experience, including the externship period.

There is a Physical Therapy Assistant Program in Springfield. This is a nine month program which has just completed its first year successfully.

There are two Medical Assistant Programs, nine months in length, one in Springfield and the other in North Adams.

The evening trade extension programs for Licensed Practical Nurses have continued in some of the more active centers. These include Springfield, Worcester. These programs are of great assistance in upgrading the practice of these already licensed.

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The problems of strengthening teacher education curriculum are many. The supervisors continue to seek the assistance of higher education to consider plans for the introduction of practical nurse teaching within the Master's curriculum.

Teachers for adult programs are supervised by their local directors and given intinerant teacher-training during the supervisor's visit.

There are no formal research studies being conducted at present. Nurse faculty members of local programs constantly evaluate the on-going curricula and are revising plans in keeping with the findings. The usual five year follow-up studies are maintained regarding the licensed practical nurses. Therefore, the faculty members of the program are aware of the stability and general work performance of the graduates. Results on licensure examinations are also studied in evaluation of programs.

Formal research is limited by the scarcity of personnel who are adequately prepared for such activity. The number of nurses or vocational educators who possess a doctoral preparation is very slight in Massachusetts. However, the Supervisor has done a small scale study based on failures on licensure examinations to discern factors contributing to such failures. The purpose of this study was also to stimulate a creative positive attitude toward the value of developing similar research studies on the part of faculty members in the schools. This was presented at the Fitchburg State College.

It is necessary to have basic research in the area of transfer of learning by students in order to truly evaluate the content and length of time needed in our program; also, to continue research on factors which lead to success in practical nursing. We need to better evaluate the various pre-nursing aptitude tests currently available.

One pilot program was conducted last year at Springfield Trade High School for the training of physical therapy assistants. Seven students were enrolled in this course. All were employed following completion of the program. A full program is being conducted this Fall.

Total Practical Nurse Programs, 17; Other Health Occupations - Dental Assistant, 4; Medical Assistant, 2; Surgical Assistant, 2; and Medical Laboratory Assistant, 2. Holding power is approximately 75%.

| Course | Sex | Total Number
of Graduates | Available for
Employment | Total Number
Obtaining Full-
Time Jobs | Per Cent | Number Employed
Part-time | Number Unemployed | Number Status
Unknown |
|---------------------|-----|------------------------------|-----------------------------|--|----------|------------------------------|-------------------|--------------------------|
| Total | M | 4 | 4 | 4 | 100 | --- | --- | --- |
| | F | 427 | 406 | 377 | .93 | 15 | 9 | 5 |
| Dental Assistant | F | 45 | 43 | 43 | 100 | --- | --- | --- |
| Medical Assistant | F | 32 | 30 | 30 | 100 | --- | --- | --- |
| Practical Nursing | M | 4 | 4 | 4 | 100 | --- | --- | --- |
| | F | 297 | 286 | 257 | .89 | 15 | 9 | 5 |
| Surgical Technician | F | 53 | 47 | 47 | 100 | --- | --- | --- |

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| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

The Dental Assistants had evening extension courses conducted in Springfield, North Adams, and Worcester. The Medical Laboratory Assistant course was conducted in Springfield.

Much time and effort has been and will be spent in the various programs on local curriculum changes. The State Board of Registration in Nursing has approved a new Curriculum which is to be officially implemented by September of 1966. A five week Curriculum Research Group Study was held at Fitchburg State College. Faculties from the various schools of practical nursing participated in this research, the purpose of which is to eventually develop a basic guide for Practical Nurse Education in this State. A total of 20 faculty members from nine schools participated in this project.

With the use of active local Advisory Committees, the curriculum for Physical Therapy Assistant has been developed.

The Dental Assistants Program has been revised and better developed. Other Health Occupations have also received suggestions from local groups for the improvement of the programs.

The major new developments in practical nurse education were the formation of additional sections for the retraining of unemployed persons under the Manpower Development and Training Act. These sections have been added to the already established practical nurse programs in Boston, Springfield, and Worcester. Additional sections will be opened in Worcester, Essex County, and Leominster, this fall.

Two entirely new practical nurse programs were developed in Leominster and Haverhill under M.D.T.A. It is expected that this project will supply local hospitals and nursing homes with badly needed licensed practical nurses.

In the fall a new program for Dental Assistants will begin at Northeastern University under the M.D.T.A. program.

The problem of recruitment of qualified nurse instructors becomes more acute as the number of size of programs increase. In endeavoring to open new sections, it is particularly difficult to maintain the same standards for qualifications of instructors. Colleges and universities are contacted, the Placement and Counseling Office of Massachusetts Nurse Association and individual referrals are accepted.

All candidates for teaching positions are interviewed personally and emphasis is placed on locating nurses who are sincerely interested in practical nurse education, as well as those who have the proper academic and professional background.

Following the submission of the names of approvable candidates, the local school committees appoint the nurse faculty members. The supervisors attempt to encourage the stability of the faculty employment in every way possible. This year, two coordinators from our regular, stabilized programs have resigned in order to further their education.

There is a great need for better definitions of functions of personnel among the health and nursing team members. This research should be conducted by members of the professions and an educational consultant in order to establish objectives for the training programs.

Research is needed on more effective methods of teaching in the health occupations.

Research is needed on better patterns of teacher education for the instructors in the health occupations.

The supervisors have cooperated in surveys to determine the needs for health occupations training in several communities and regional schools being planned.

These include schools in Quincy, one in the Brockton area, Cape Cod area, in the Southbridge area, the Canton area, and in the Greenfield area.

At the present time of these surveys the hospitals, nursing homes, doctors and dentists are contacted in order to get statements of need of personnel for the variety of occupations involved.

Under the M.D.T.A. programs several joint meetings with the Division of Employment Security have been conducted to explore needs in the health fields.

The nursing home owners, hospital administrators, members of the Physical Therapy Association have all conferred with supervisors in the Vocational Division during the year.

The functions of the area and local advisory committees continue to be of assistance in public relations, recruitment of students, and expansion of programs.

There is a considerable amount of individual counseling offered to prospective candidates for these programs either in personal interviews or telephone conversations.

Programs in the major cities are attempting to expand to meet the needs of the localities. In Boston, Worcester, and Springfield, the Practical Nursing Programs have become centralized and use as many hospital agencies for the clinical experience as necessary.

In the Springfield and Worcester areas, the facilities of hospitals which are not actually located in these cities have been used most effectively. The use of some of the smaller clinical facilities has proven successful in terms of the results of the graduates taking the State Board Examinations.

In the more isolated areas, programs remain small, but have provided an adequate supply of licensed practical nurses for the areas they serve.

In the past four years there has been increasing emphasis on training for Health Occupations other than practical nursing. The needs of the hospitals and nursing homes are being analyzed more successfully and hospital administrators are becoming acquainted with the ability of Vocational Educators to supply training programs for these courses.

Examples of these are additional Dental Assistants programs now being planned, additional Medical Laboratory Assistant Programs, enlargement of training programs for Operating Room Assistants, implementing additional Physical Therapy Assistants Programs, and the contemplation of training for Occupational Therapy Assistants, Inhalational Therapy Assistants, and Radiology Therapy Assistants.

The major adjustment to new legislation has been the involvement of Health Occupations Training under the new M.D.T.A. programs. The philosophy and practice of the Division of Vocational Education has been to maintain the same standards for additional sections in practical nursing training being organized under the M.D.T.A. program as these that have been set up for the already established on-going practical nurse program.

It is the opinion of the Supervisors that any legislation which deals with problems relating to health and welfare of the community will affect the training programs in health occupations. Because of the recent social legislation, medicare, the needs of the communities for trained personnel in health occupations will be more than doubled. As increased care is offered to geriatric patients, psychiatric patients, and to retarded children, it will be necessary for the training for health occupations to continue to expand.

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DISTRIBUTIVE EDUCATION

The Annual Vocational Summer School Conference was conducted from June 28 thru July 2, 1965. In attendance were 20 Teacher Coordinators of Distributive Education and 8 new Distributive Education teachers enrolled in the Teacher-Training Program at the college. This year a great deal of time was spent on the DECA Program as our State is to be the "Host State" at the North Atlantic Regional Conference in Boston in October, 1965. Present at the conference were:

Mr. Harry Applegate, Program Director - Washington, D.C.
 Mr. William Hailes, New York State Supervisor, Distributive Education
 Mr. Alvo E. Albini, Educational Service Manager - Montgomery Ward and Company, Chicago
 Mr. Ronney Bishop, National President, DECA - Texas
 Mr. Chester Young, Sales and Marketing Club of Boston

A re-evaluation of all the contests for the State DECA Convention was accomplished. Other areas explained during the week was the new preparatory program as made available through new Legislation - Public Law 88-210. The new Quincy program was explained. Our Distributive Program will start in grades 10 thru 12. Marketing surveys and research projects accomplished during the year by several of the Distributive Education teachers were reviewed. An executive of the Sales and Marketing groups of Boston attended one day of the conference and encouraged the Teachers to participate in these Marketing surveys to a greater extent.

State Supervisor attended and participated in the North Atlantic Regional Conference of DECA in New York City; was Chairman of a panel on Distributive Education at the Eastern Business Teachers Association Convention held at Hotel Statler, Boston; attended Director's Conference in Auburn, Massachusetts, was speaker on three panels; attended the Federal Conference held in Boston on the new Vocational Act of 1963; in Washington, D.C. - represented the North Atlantic Region on the Policy and Planning Committee of the A.V.A. and was elected Secretary of this group; held the State DECA Convention in Boston during March and took the winners in the State Contests to the National Leadership Conference in Chicago which was held in May. Fifty students participated.

One of our Post-secondary Distributive Education students was elected Vice President of the North Atlantic Region of DECA while at Chicago; attended and participated in Conference held in the University of Massachusetts for the new Teacher-Training Program for Distributive Education teachers in the New England area to be started next year at Amherst; attended Boston Conference on Distribution; Boston Retail Trade Board luncheon given in recognition of all the Boston Merchandising students; attended a luncheon given by Sales and Marketing Executives of Boston to honor the winners of the Marketing Projects at the State Conference; attended the National Retail Dry Goods Association Convention in New York in January.

Audio-visual aids were made available through the services of the State Department of Education, Visual Aids Department. The State library facilities made available up-to-date text books on Marketing. Small Business Administration was most helpful to the State Supervisor in sending up-to-date informational bulletins, manuals on marketing, and for securing some very fine speakers for our Adult Programs. The State Department of Commerce sends a monthly journal on Business Forecasts for Massachusetts and lists of statistical reports on employment trends. The Boston Chamber of Commerce and other local Chambers of Commerce have been most helpful in promoting and sponsoring Adult Distributive Education Programs. The State Association of Guidance Personnel have extended to the State Supervisor invitations to attend important Guidance meetings throughout the year and at one meeting the State Supervisor explained the Distributive Education Program. State Supervisor assisted on two committees in the evaluation of two large high schools in the State. Certification of prospective Distributive Education teachers is important duty of State Supervisor.

A study has been made of the need for additional Teacher-Training programs for all the New England States. A group of Distributive Education Teacher-Trainers from other states were assembled at the University of Massachusetts. A program was developed and a project proposal, for a pilot program, was submitted to the USOE, under the provisions of P.L. 88-210, Section 4C, to provide funds for the project. This project involves not only pre-employment preparation, but also for graduate study for upgrading and advanced degrees.

Twenty-six (26) cooperative secondary programs are in operation in the State of Massachusetts with eleven (11) preparatory programs.

There is only one post-secondary Distributive Education program in the State at Essex County Agricultural and Technical Institute. Twenty-three (23) young men enrolled in this program last Fall. As this is a program in mid-management training the candidates for the program are carefully screened, and as a result the program was well received by both the students and the merchants. The weekly rate earned by these young men varies from \$1.50 per hour to \$2.55 per hour. The Food Industry is adequately serviced by these young men. Total earnings for this class this past year amounted to \$48,039.32.

During the past year our Distributive Education teacher coordinator at the Essex County Agricultural and Technical Institute organized and conducted 22 Adult Evening Courses; over 2000 people received training through these courses.

Other areas serviced by our Distributive Education division in the Adult Field were - Hyannis, Saugus, Fall River, Malden, Natick, Springfield, Boston, Lowell, Peabody, Salem, Danvers, Beverly, Revere, and Worcester. The State Supervisor cooperated with the Zayre Corporation in setting up a Mid-Management Training program in six (6) cities where their stores are located. Approximately 180 people received this training. Much more could be accomplished in the Adult area of training with additional help given to the State Supervisor.

THE NATIONAL BUREAU OF STANDARDS (NBS) has been established as a permanent organization to coordinate and conduct research and standards in the physical sciences and engineering. The NBS is a part of the Department of Commerce, and its primary function is to provide a basis for uniformity in measurements and standards throughout the United States and to cooperate with other countries in the same work. The NBS is organized into several divisions, each of which is responsible for a specific area of research and standards. The divisions are: 1. Division of Physics, 2. Division of Chemistry, 3. Division of Mathematics, 4. Division of Engineering, 5. Division of Standards, and 6. Division of Administration. The NBS is also responsible for the maintenance and improvement of the National Standard System, which is a system of standards and units that is used throughout the United States and in many other countries. The NBS is a non-profit organization, and its funds are derived from the sale of its products and services. The NBS is a part of the Department of Commerce, and its work is closely coordinated with the work of other departments and agencies of the Government.

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At the Summer School this year a review of our Distributive Education curriculum was made. Many changes in our curriculum have been suggested, as a result of the new law affecting Vocational Education "88-210". Example - Preparatory Programs extending offerings in Grades 10-12. Project Method of teaching Distributive Education was explored. Programs to help more people in our field to become employed by offering more adult programs in Marketing.

At Hanover High School in Hanover, Massachusetts a Distributive Education Program will be established in September, 1965. This will be a cooperative program on 12th grade level to start. Next year we shall expand this program and have an 11th grade preparatory program at this high school.

A new Distributive Education Program will start at Winthrop High School this Fall, 1965. It will be a cooperative program for 12th grade students only. We shall expand this into a preparatory program, 11th grade by Fall, 1966.

Another new Distributive Education Program will open at Dartmouth High School in September, 1965. Twenty-five (25) students have enrolled in the program. This is a cooperative program on 12th grade level to start.

The Sixth Annual State DECA Convention was held this year on March 24, 1965 at Hotel Statler in Boston. Six hundred (600) DECA students attended this Convention. Forty-two (42) merchants attended and served as Judges in the fourteen (14) contests that took place that day. In attendance also were the Assistant Commissioner of Education, the Director and Assistant Director of Vocational Education, Superintendent of Boston Public Schools and many High School principals and Vocational Directors throughout the State. The Governor of our State signed a Proclamation setting aside the week of March 24 as DECA week - much publicity was given to this Convention. Each year DECA is growing in size and strength.

Election of the new DECA State Officers took place; awards were presented to winners of the many contests. The DECA Alumni group were most helpful and the State Club Advisors and the Supervisor of Distributive Education. The State Supervisor was presented a very lovely bronze plaque by the DECA Alumni in recognition of the work accomplished with the DECA Organization. Membership in DECA for next year is anticipated to reach 750 or more with three (3) new programs opening in the Fall.

The North Atlantic Regional State Officers' Conference was held in New York City from November 5-7. Our DECA State Officers attended and participated in the work-shops. Our State President from Fitchburg represented Massachusetts and sat at the Head Table. The Assistant Commissioner of Education was the guest speaker at the Saturday evening banquet. Plans were made at this Regional Conference in November for the DECA State Officers to support candidates for the National Officers of DECA at the Chicago Convention in the Spring.

In October 1965 - our State will be the host State for the Regional State Officers' Conference in Boston.

National Leadership Conference of DECA took place in Chicago in April 29 - May 1. The Massachusetts delegation numbered approximately fifty (50) students. The winners in the State Competition are eligible to attend the National Conference. Several recognitions and awards were received at the National Conference in Chicago. The best Marketing Survey done by our Post High School Class won third prize; our Post-high School student was elected Vice President of the North Atlantic Region for DECA. He will attend the Leadership Conference in Washington, D.C. in August, with all expenses paid by the National DECA. This honor received by a member of our DECA Organization was publicized throughout the State and North Atlantic Region. This is a wonderful experience for these young people to attend a National Convention which numbered over 2000 students from every State in the Union. Our Massachusetts State flag was carried by our DECA State President from Saugus to the Rostrum at the Head Table preceding the banquet Saturday night. Every State flag was presented at this occasion with Massachusetts flying her colors high!

A Summer School Teacher-Training Program is organized every year during the last week in June and the first week in July for all new Distributive Education teachers who have received certification to teach a Vocational Distributive Education Program. This year eleven (11) teachers were enrolled in this Teacher-Training Program. The required 60 hours of Teacher-Training was earned by all of these new teachers. A 30 hour Professional Improvement Course was seen at Fitchburg for our regularly employed Distributive Education teachers at the Summer School. Fifteen (15) teacher-coordinators were enrolled in this program. This Teacher-Training Program is conducted by the State Supervisor of Distributive Education each year. Four new Distributive Education teachers have been placed in our new programs at Dartmouth, Winthrop, Hanover, and a replacement in Waltham.

This will be accomplished at the University of Massachusetts when our new Teacher-Training Program opens in Fall of 1966. Teachers preparing to teach Distributive Education programs will enroll in this program at Amherst and will fulfill our State requirements for Certification for all Distributive Education teachers. Also at the University of Massachusetts under the Dean of Education where our new program will be operating, there will be sufficient time and personnel to work a Curriculum revision. At present this is impossible at the State level due to lack of personnel.

At present there is no provision for Teacher-Training for our Adult Programs. We employ our regular Day cooperative teachers in many instances, otherwise, we use businessmen from the trade - with some or very little Teacher-Training. This is very poor, but facilities for training teachers for Adult Classes is impossible due to lack of time on the part of the State Supervisor to do this training. We definitely need a Supervisor in our State office to handle the Adult Program alone.

Follow-up studies of new graduates are made each year to determine the number who have stayed in the field of distribution and marketing, also to determine the advancement of our graduates on the job. We find that many of our girls marry after high school and do not remain in the field, but do return to retailing after their families are grown up. Many of the young men join the service of their country. While others are employed in the field or else in related areas of marketing.

A pilot program is starting in Quincy High School next Fall, extending the Distributive Education program to start in the 10th grade. Students in the Business Education Department will elect a course in marketing for one period a day along with other Business subjects. In the 11th grade the students, who wish, will follow the Distributive Education program and elect Marketing II (one period a day will be devoted to a further study of marketing). This along with the required business subjects. This is a Preparatory Program for Grade 12.

In grade 12 we plan to have two Distributive Education classes, one will be cooperative and the other non-cooperative.

Twice a year in January and June the State Supervisor makes a survey of the placements of the Distributive Education students. In the survey the hours the student works, the type of work he or she does and wages earned is recorded. Very few dropouts are noted. Earnings of our students are most gratifying and encouraging. Our enrollment this year numbered 800. Total earnings approximately \$500,000.

At the Post-Secondary Distributive Education Program at Essex County Agricultural and Technical Institute, our Marketing instructor has often worked with the Agricultural teachers in preparing outlines especially, as the program relates in part to food distribution - example, grading of eggs, milk, etc.; also pure foods laws, U.S. Government labelling on meats, etc. Many times the Agricultural instructor takes over the class especially as it applies to food, as he is an expert. Also our Distributive Education instructor works closely with the instructor of floral design especially, as they pertain to Adult Programs in the marketing of flowers.

Our Distributive Education teacher coordinators often work with the Home Economics Departments in the high school especially in reference to Fashion Shows that Distributive Education and Home Economics put on together in school auditoriums.

Work closely with Employment Security offices in placing our students in jobs, especially at Christmas time. Our Adult Pre-Christmas Training classes were placed on jobs by Employment Security office last year. 1000 persons were trained and placed on Christmas jobs.

State Supervisor worked closely with the Sales & Marketing Executive Club of Boston especially DECA marketing projects. Our teacher coordinators who entered contests in marketing received valuable assistance from this group.

Advisory Committees - The Advisory Committees for Distributive Education in many localities are most active and have worked closely with our Distributive Education teacher coordinators this past year. The State Supervisor attended several Advisory Committee meetings during the year also, attended three Employer-Employee Banquets at close of school year. I considered this good public relations.

There is no State Advisory Committee for D.E. in Massachusetts at the present time, although the State Supervisor has asked to have one established. Advisory Committees in local areas are most inactive and do very little for D.E. as such. Their names appear on the State forms and that is all there is to it. The State Supervisor has tried to correct this situation through conferences with Teacher Coordinators.

The DECA State President had his picture taken at the Executive Chamber of the State Capitol with Governor Volpe signing the "DECA" Declaration. This picture with a write-up on the Conference appeared in the Boston and Greater Boston newspapers. A very excellent Television appearance was made the night before the State Conference by one of our Distributive Education teacher coordinators with her Distributive Education students explaining what "DECA Means to Me."

The State Supervisor appeared over a television station in Boston at noon-time to explain the D.E. Program; radio appearances were made during the year to also explain the Distributive Education program - especially telling the public about the many and varied Adult Training Programs that are available through our Division of Vocational Education.

A Distributive Education booth showing Distributive Education classroom set-up, Distributive Education projects and informative materials on Distributive Education and photographs were arranged at the new Prudential Center in Boston for two days during Education Week. This was done in cooperation with the Director of Distributive Education in Boston and the State Supervisor of Distributive Education.

Programs are being offered to out-of-school youth, dropouts, and unemployed persons through our services. At Christmas time last year, approximately 1000 people were trained and placed in the North Shore Shopping area by our Distributive Education teacher coordinator. In cooperation with the Department of Employment Security, the services and placements of these trainees were accomplished. This was an economical help to both the trainees and the retail stores.

The new legislation in Vocational Education will greatly enhance our Distributive Education program through added funds to improve our facilities for training and to expand the offerings of our services. Already the State Supervisor is receiving requests for new Distributive Education programs in areas which at one time did not feel the need for this training. The expansion of Shopping Centers, increased population especially in the youth bracket has had a great effect on this type of program.

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OCCUPATIONAL INFORMATION AND VOCATIONAL GUIDANCE

A graduate credit course in Vocational Training and Placement at Fitchburg State College from June 28 to July 9, was attended by twenty-five (25) Counselors and Directors of Guidance.

A conference was held with consultants from local universities, i.e., Tufts and Harvard, as well as a School Superintendent, Directors of Guidance, and Supervisors from the Division of Employment Security discuss current problems.

The State Supervisor lectured on Vocational Education to the graduate students of the Harvard University Center for Field Studies and held individual conferences with different students of the Center explaining regional vocational and technical schools.

The State Supervisor assisted in the development of a program "Suggested Guidance Schedules", which was completed by guidance personnel in communities reimbursed for guidance services who sent youth to State-aided Vocational Schools.

The State Supervisor planned and organized Counselor Training courses which were presented in conjunction with the Annual Summer School Conferences conducted at Fitchburg State College.

The State Supervisor prepared surveys with District Planning Committees and Superintendents of Schools in the preliminary plans for the establishment of regional vocational-technical schools. These plans were the result of a survey conducted by the Division of Vocational Education for the purpose of determining the anticipated enrollment and the training to be offered for placement in occupations in the region.

Because of inadequate State staffing, there are twelve (12) requests for regional vocational and technical school surveys waiting for the Vocational Division to present recommendations of the need for vocational education in the respective areas and the intensity of the need. Some of these surveys will indicate that present, inadequate vocational schools should be closed and the towns combine with other committees to present vocational programs in modern facilities.

ANNUAL REPORT

Division of Research and Statistics

Year Ending June 30, 1965

INTRODUCTION

The 1965 Annual Report of the Division of Research and Statistics is a rather historical document. With this report, the Division, under its present name, will end its existence. The life span of this Division has been marked with a number of noteworthy achievements.

Classified as a service arm of the Department, Research and Statistics has had as its goal the gathering and reporting of data significant to the operation and planning of the educational system at the local, state, and federal levels.

In recent years, pressure from our federal partner has increased the collection of information from the local system to the point where it became necessary for the state to alleviate the situation. Consequently, our efforts have been concentrated on examining surveys in order that we might eliminate duplication. By instituting a new financial accounting system, we have been able to standardize the reporting of data, both to the state and Washington.

A number of additional challenges have been met and overcome during this period and we will go into greater detail on these in the following pages.

REPORT

ON THE PROGRESS OF THE WORK DURING THE YEAR 1900

By the Board of Directors

CONTENTS

The Board of Directors has the honor to acknowledge the valuable assistance rendered by the various departments of the Institution during the year 1900, and to express its appreciation of the efforts of the various departments in the discharge of their respective duties.

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RESEARCH UNIT

Research activity under Division sponsorship increased tremendously during the past year. A number of local school systems were aided in the preparation of proposals for financial grants under the provisions of the Cooperative Research Act as administered by the U.S. Office of Education.

Communities submitting projects included:

Springfield
West Springfield
Bedford
Billerica
Mount Greylock Regional
Quincy

In addition, the Division furnished valuable assistance in the preparation of a successful research proposal for a series of television lectures on Civil Rights. Funds for this project were obtained under Title IV of the Civil Rights Act.

Liaison with the Harvard Research and Development Center was maintained by the Division. The Division assisted the Center in locating a school system willing to assist in the development of a research project.

Panels on research were conducted at the spring conferences of superintendents and high school principals at Bridgewater and Framingham, respectively.

At the present time, the Division is establishing a panel of educators interested in reading research proposals. A technique now employed by the U.S. Office of Education, it is expected that this group will be able to assist those preparing project proposals through constructive criticism before the proposals are forwarded to Washington.

As this year is ending, the Division is busy preparing plans for expansion and reorganization under the provisions of Title V of Public Law 89-10, the Elementary and Secondary Act of 1965, and the recommendations of Chapter 572 of the Acts of 1965, the so-called Willis-Harrington Bill.

STATISTICAL UNIT

The most significant achievement in the area of statistics this past year was the gathering, for the first time, of data in significant depth on the teachers in every school system in Massachusetts. Attempts have been made in the past to collect this information but the data gathered have been far from complete.

Acting in response to a request for this information from the United States Office of Education in Washington, division staff members traveled from Provincetown to North Adams to either collect or correct this

information on staff personnel. Massachusetts will send this information to Washington this summer as part of a nation-wide study on teaching personnel. Studies in depth will be conducted on a national level to determine shortages and overages on various disciplines in order to furnish Congress with answers necessary for the members to have in making decisions involving federal financial support programs.

It is also expected that the Division will be able to make studies of Massachusetts personnel during the coming year from the data gathered.

Continuing the updating of the statistical section of the Annual Report, Part II, for the first time, this report was sent to superintendents of schools in the fall of 1964. Only financial data was asked for in June, 1965, together with a few end-of-year pupil statistics. This procedure has enabled the Division to check the data much earlier and to reply to requests for information from the United States Office of Education at a much earlier date.

A new format for the Annual Report of the Department of Education, Part II, was adopted. This was deemed necessary because of the change in reporting procedures brought about with the installation of a new financial accounting system. This system was instituted by the Division during the past year for local school systems throughout the Commonwealth.

As with any new system, unforeseen obstacles were met and overcome but not without delay in arriving at the final production date.

Much time and effort was spent by Division personnel furnishing statistics to various agencies of state government as a solution is being sought to the problem of insufficient state financial assistance to cities and towns.

In addition, because of the updating of equalized valuation data from 1945 to 1963, the major reimbursement program, Chapter 70, must be computed two different ways for the school year 1964-65. Forms to provide for this unusual situation have been developed by the Division for local school systems after many hours of preparation.

Transportation audits were conducted in cities and towns during the past year. This type of field service assistance has only served to point up the need for additional staff to service school systems in all areas of accounting--pupil, staff, property, and program, in addition to financial accounting.

A total of 16 workshops in financial accounting were held this past spring by Frank Livak and Leo Turo of the Division staff. Some 420 local school personnel attended these workshops staged to give local school systems assistance in preparing the Second Annual Financial Report under the new accounting system.

In addition, Division accountants have assisted local school systems in the preparation of Public Law 874 reports and have appeared as panelists at the annual meeting of the Municipal Accountants' and Town

Auditors' Association. For the 7th year, the Division has co-sponsored, with the Massachusetts School Secretaries' Association, the annual fall conference at the University of Massachusetts. Strictly a working conference, a number of workshops were held with emphasis being placed on the proper interpretation of the many programs and accompanying forms issued and supervised by the Massachusetts Department of Education.

DATA PROCESSING UNIT

The first annual meeting of the Massachusetts Educational Data Processing Association was held at the Route 128 Motel, Dedham, during 1965. More than 270 members and guests participated, representing the majority of school systems in the Commonwealth. Dr. Stanley Smith of the United States Office of Education was the featured speaker. Dr. John Magee was installed as the organization's first president. This association is sponsored by this Division.

The second data processing pilot project conducted by the Division in cooperation with a local school system was developed with the Weymouth School Department. The equipment was furnished to Weymouth for one year. In return, Weymouth agreed to display and demonstrate the utilization of the machines to interested school personnel on the South Shore of Massachusetts.

A pilot program in pupil attendance accounting was initiated in the Lynn schools as forerunner to eventual programming of pupil attendance for all the school children in that North Shore City.

Courses in data processing for school administrators were conducted at the State Colleges in Worcester, Framingham, Westfield, and Boston, by Division personnel and others, using course material developed by the Division. Dr. John Torosian and Dr. John Magee of the Division staff were among those instructing in this area.

A publication, "Computer Student Scheduling" was published by the Division and has been read with great interest by high school principals.

Machines in the data processing center are continuing to operate at peak capacity. The work load is steadily increasing. New programs are being developed constantly with accompanying demands on machinery. The equipment now being utilized must be augmented and the staff increased, particularly in the area of programming.

PUBLIC INFORMATION SECTION

Fiscal "65" has again seen this unit of the Division move ahead on several fronts. In the publishing area, the Department has been able to rely heavily on this section to handle a greater volume of work. This has resulted in considerable savings of both monies and time. Previous experience with material printed outside of the Department showed that at least two and possibly four months elapsed from the point of initial requisition to a finished copy. The main hold-up here rested with an already over-burdened central printing office.

Earlier in the report mention was made of a publication entitled, "Computer Student Scheduling." The response that this book produced is but typical of the attention several Division publications received in the area of Educational Data Processing.

Although this past year saw a great deal of energy expended in data processing, the Division did not reduce its annual flow of data on such subjects as: per pupil costs, local salary ranges, teacher shortages, pupil projections, federally impacted areas, etc. With the increase in reports it has become quite evident that new and larger equipment will be needed to operate an in-plant production unit that will satisfy Department needs. It must be kept in mind, however, that even with such equipment, inexperienced and unqualified personnel will not be able to do the job. Therefore, the salary structure of a number of existing positions must be reviewed in order that an optimum effort be achieved.

In the Public Information area, despite shortages of personnel, inquiries were handled with care and dispatch. From the number of requests for data and the varied sources of these requests, it is evident that the interest in education is growing at a tremendous pace.

Unfortunately, understaffed as we are, it is almost impossible to initiate information programs on our own. For the time being, although vital to the continued progress of education, such programs must remain on the calendar of "things to do."

CONFERENCES

The Division was privileged to be host for the spring meeting of the Northeast Council for Educational Research and Statistics (NESCERS). This conference was held at the Civil Defense Academy in Topsfield. Representatives present from the United States Office of Education included: Dr. Alexander M. Hood, Assistant Commissioner in charge of Statistical Programs; Dr. Stanley Smith, and Murray Pfefferman. Also in attendance were representatives from the states of Maine, New Hampshire, Vermont, Rhode Island, Connecticut, New York, Pennsylvania, Maryland, New Jersey, and Delaware.

Problems involving the transmission of data from the states to the U.S. Office and return were discussed.

Dr. John Torosian of the Division staff presented a paper at the Miami Convention of the Association of Educational Data Systems.

Frank Livak attended the National Education Association's national conference on school finance in Chicago.

Glenn Myers, who recently successfully passed the Data Processing Management Association examinations, was able to attend the national conference of this group held in June, in Philadelphia, Pennsylvania.

PERSONNEL

John Torosian, Principal of Pentucket Regional High School, West Newbury, Massachusetts, joined the staff of the Division on October 1, 1964. As the first specialist in research to be assigned to the Division, Dr. Torosian brings with him an extensive background in this area, acquired while completing doctoral requirements at Columbia University.

Dr. Torosian has been assigned responsibility for the area of staff accounting as well as research. Through his efforts, the first complete staff survey for Massachusetts was accomplished.

Dr. Torosian has worked with local schools developing project requests under Cooperative Research and has been the Division liaison with the Harvard Research and Development Center.

In addition, the new staff member has had extensive experience with unit record equipment and computers in the area of educational data processing.

In January, 1965, Dr. John Magee, Senior Supervisor, resigned his position to enter private business as an educational consultant. This departing left the Division without a specialist in data processing in the area of pupil accounting. While seeking a replacement, his duties have been shared by Dr. Torosian and Mr. Frank Livak.

Elton Munson, one of the three Division transportation auditors, passed away suddenly at Hyannis while on a field audit with other staff members of the Division.

Joseph Yannacci came to the Division as a replacement for Mr. Munson, and Frank Davis was named to replace Richard Carlson who was transferred to the Business Office.

TITLE X ADVISORY COMMITTEE

For the past three years, a statewide advisory committee to the Division to aid in the improvement of data gathering has been named by the Board of Education. These members are:

Miss Ruth Crowley
President, Massachusetts School
Secretaries' Association

Mr. Ralph Pine, President
Massachusetts School Attendance
Supervisors' Association

Mr. Henry Derouin
Director, Data Processing
Danvers Public Schools

Dr. Thomas L. Rivard
Superintendent of Schools
Chelmsford Public Schools

Mr. Richard Fogarty, President
Massachusetts Association of
School Business Officials

Mr. Robert I. Ryan, President
Massachusetts Junior High School
Principals' Association

Dr. Henry L. Isaksen
Assistant Superintendent
Lexington Public Schools

Mr. Arthur N. Smith, President
Massachusetts Secondary School
Principals' Association

Mr. Gerald F. Lambert
Coordinator, Federally Aided
Educational Programs
Massachusetts Department of
Education

Dr. Arthur Sullivan
Assistant Superintendent of Schools
Worcester Public Schools

Mr. John P. McGrail, Director
Division of Teacher Certification
and Placement
Massachusetts Department of
Education

Dr. Everett G. Thistle, Director
Division of Elementary and
Secondary Education
Massachusetts Department of Education

Mr. Raymond S. Dower, Jr., Director
Division of Research and Statistics
Massachusetts Department of Education

Mr. Anthony R. Muscente
Superintendent of Schools
Easthampton Public Schools

Mr. William Curley
School Building Assistance Commission

This committee has been meeting in subcommittee groups of various areas of interest and responsibility. A member of the Division's supervisory staff has acted as coordinator for each sub-group. Dr. Terosian has been with the Staff Accounting Subcommittee consisting of: Mr. John P. McGrail, Dr. Everett G. Thistle, Dr. Arthur Sullivan, Mr. Arthur Smith, and Mr. Robert Ryan.

Dr. John Magee has worked with the Pupil Accounting group consisting of: Mr. Henry Derouin, Mr. Ralph Pino, Miss Ruth Crowley, and Dr. Henry Isaksen.

Frank Livak and Leo Turo have been assisting the Property Accounting Subcommittee consisting of the following members: Mr. Richard Fogarty, Mr. Anthony Muscente, Mr. Gerald F. Lambert, Dr. Thomas L. Rivard, and Mr. William Curley.

The aim of all of these groups is to develop manuals in the areas of their responsibility for future publication. These manuals, after extensive pilot program testing, would eventually take their place in each superintendent's office as reference material to aid the local school administrator in the proper interpretation and reporting of school data.

RECOMMENDATIONS

This Division has the same needs as the other Divisions now housed at 200 Newbury Street; namely, more staff and more space within which to work. In addition, access to a computer facility is an absolute must. The Division now has the personnel who are knowledgeable with various types of computer programs and has more than 10 programs now on computer tape. Unfortunately, the Division must borrow and beg time wherever and whenever it can obtain access. This has resulted in all kinds of delays for the processing of the Annual Report, Part II. As of this writing, this report is not complete because Mr. Myers of the Division staff can

have access to the Department of Public Works IBM 1401 only two hours a week to run his programs. This condition will continue until the Department has its own facility. With the addition of more and more Federally associated programs, with their accompanying reports, more statistical studies in depth are requested in order to determine the worth of these programs. The Division cannot hope to meet the demands of other divisions demanding this type of service without the proper sophisticated equipment at the computer level.

An optical scoring machine ordinarily utilized for test scoring would be of great assistance to the Division. This machine could be utilized in reading answers to surveys and totalling results much faster than would be possible to keypunch the same data.

While professional staff has increased, the secretarial staff has not. At present, there is a log-jam created by professionals preparing copy on their own area of responsibility, but having to wait for typed copy because of only three secretaries in the Division.

Requests have been included in budget recommendations for additional secretarial assistance, as well as field service personnel. The latter, as mentioned earlier in this report, are needed to be of service to local school systems in the preparation of forms and reports engendered by the increasing number of programs initiated at Federal and State level.

TABLE 1 - STATE AID 1964-65

State Reimbursement to CITIES, TOWNS, AND REGIONAL SCHOOL DISTRICTS of certain sums collected by the State as income tax; a sum inuring to the State as interest from the Massachusetts School Fund; and sums accruing from other sources, which are distributed to cities and towns, USING CERTAIN FACTORS OF THE INDIVIDUAL CITY AND TOWN SCHOOL SYSTEMS, (pursuant to the provisions of G. L., C. 69, sec. 70, 32, 26-29B, c. 70, sec. 1-10, inclusive, and c. 71, secs. 7A, 16C, 46, 46A, 3, E, F, H, and 65, also sec. 70). AS YARDSTICKS OF MEASUREMENT in the specific determinations.

| | Governed by
General Laws | No. of towns
Receiving | Amount
Received | Source |
|---|-----------------------------|---------------------------|--------------------|--|
| 1. School Fund and Aid to Public Schools | Chapter 70 | 351 | \$ 44,885,291.00 | Mass. School Fund and
Income Tax |
| 2. All School Transportation Reimbursement | Chap. 71, SS. 7A,
16C | 305 (plus)
35 regions) | 9,339,871.00 | Appropriation from Income
Tax |
| 3. Reimbursement on account of salary and traveling expenses of union and regional school superintendents | Chap. 71, SS. 59A,
65 | 159 | 237,777.00 | Department of Education
Appropriation |
| 4. Reimbursement on account of Public Junior Colleges | Pub- Chap. 71, S. 78 | 2 | 63,990.00 | Department of Education
Appropriation |
| 5. Reimbursement on account of Mentally Retarded and Physically Handicapped | Men- Chap. 69, etc. | 313 (plus
28 regions) | 6,191,793.00 | Appropriation from Income
Tax |
| TOTAL..... | | | \$60,718,722.00 | |

Number of Children

| | Governed by
General Laws | No. of Towns
Receiving | Amount
Received | Source |
|--|-----------------------------|---------------------------|--------------------|--|
| 6. Reimbursement of Deaf, Aphasic,
Blind, and Emotionally Disturbed | Chap. 69, S. 25-29 | 1456 | \$ 4,865,674.00 | Department of Education
Appropriation |
| 7. Reimbursement on account of day
classes for the Deaf and Blind | Chap. 69, ss. 28
and 33 | 76 | 97,674.00 | Department of Education
Appropriation |
| 8. Reimbursement for Higher Educa-
tion of children of deceased
war veterans | Chap. 69, s. 73 | 546 | 368,099.00 | Department of Education
Appropriation |
| TOTAL | | | \$ 5,331,447.00 | |
| Grand Total..... | | | \$ 85,050,169.00 | |

11. STATISTICS OF SUPERINTENDENCY UNIONS AND REGIONAL SCHOOL DISTRICTS YEAR ENDING JUNE 30, 1965

(Note - The number indicates the superintendency union in which the town is found in the table that follows)

Index of Towns

| | | |
|-------------------|-------------------|-----------------|
| 26 Amherst | 32 Cheshire | 18 Gili |
| 56 Ashburnham | 4 Chester | 25 Goshen |
| 22 Ashby | 51 Chesterfield | 37 Gosnold |
| 25 Ashfield | 19 Chilmack | 39 Granville |
| 42 Ayer | 43 Clarksburg | 53 Groveland |
| | 9 Colrain | |
| 2 Barre | 38 Conway | 31 Halifax |
| 4 Becket | 25 Cummington | 57 Hamilton |
| 37 Berkley | | 32 Hancock |
| 60 Berlin | 38 Deerfield | 13 Hanover |
| 18 Bernardston | 11 Dennis | 13 Hanson |
| 44 Blackstone | 37 Dighton | 2 Hardwick |
| 27 Blanford | 52 Douglas | 47 Harvard |
| 47 Bolton | 50 Dover | 16 Harwich |
| 10 Bourne | 40 Dudley | 21 Hawley |
| 42 Boxborough | 40 Dunstable | 21 Heath |
| 58 Boxford | | 30 Hinsdale |
| 60 Boylston | 7 East Brookfield | 24 Holden |
| 11 Brewster | 54 Eastham | 61 Holland |
| 5 & 61 Brimfield | 19 Edgartown | 2 Hubbardston |
| 7 & 61 Brookfield | 28 Erving | 27 Huntington |
| 9 Buckland | 48 Essex | |
| | | 31 Kingston |
| 47 Carlisle | 43 Florida | |
| 62 Carver | 34 Freetown | 34 Lakeville |
| 21 Charlemont | | 32 Lanesborough |
| 16 Chatham | 19 Gay Head | 29 Lee |
| | 20 Georgetown | |

Page Two

| | | | | | |
|---------|------------------|---------|---------------|---------|------------------|
| 26 & 28 | Leverett | 46 | Pepperell | 38 | Sunderland |
| 18 | Leyden | 30 | Peru | 52 | Sutton |
| | | 2 | Petersham | | |
| 48 | Manchester | 1 | Phillipston | 1 | Templeton |
| 55 | Marion | 25 | Plainfield | 19 | Tisbury |
| 10 | Masspee | 62 | Plymouth | 39 | Tolland |
| 55 | Mattapoisett | 31 | Plympton | 58 | Topsfield |
| 59 | Mendon | 24 | Princeton | 22 | Townsend |
| 53 | Marblehead | 14 | Provincetown, | 14 | Truro |
| 4 & 27 | Middlefield | | | 46 | Tyngsborough |
| 35 | Millis | 45 | Raynham | 29 | Tyringham |
| 44 | Millville | 37 | Rehoboth | | |
| 43 | Monroe | 36 | Richmond | 59 | Upton |
| 27 | Montgomery | 55 | Rochester | | |
| | | 21 | Rowe | 61 | Wales |
| 32 | New Ashford | 20 | Rowley | 12 | Warren |
| 12 | New Braintree | 1 | Royalston | 18 | Warwick |
| 41 | Newbury | 27 | Russell | 30 | Washington |
| 28 | New Salem | 24 | Putland | 40 | Webster |
| 35 | Norfolk | | | 54 | Wellfleet |
| 3 | Northborough | 41 | Salisbury | 28 | Wendell |
| 7 | North Brookfield | 39 | Sandisfield | 57 | Wenham |
| 18 | Northfield | 10 | Sandwich | 45 | West Bridgewater |
| 13 | Norwall | 43 | Savoy | 12 | West Brookfield |
| | | 9 | Shelburne | 51 | Westhampton |
| 19 | Oak Bluffs | 50 | Sherborn | 56 | Westminster |
| 24 | Oakham | 42 | Shirley | 53 | West Newbury |
| 54 | Orleans | 26 & 28 | Shutesbury | 36 | West Stockbridge |
| 29 | Otis | 51 | Southampton | 19 | West Tisbury |
| | | 3 | Southborough | 38 | Whately |
| 24 | Paxton | 39 | Southwick | 51 | Williamsburg |
| 26 | Pelham | 24 | Sterling | 30 | Windsor |
| 31 | Pembroke | 47 | Stow | 27 & 51 | Worthington |
| | | 61 | Sturbridge | 11 | Yarmouth |

SOUTHERN BERKSHIRE REGIONAL SCHOOL DISTRICT

| | |
|----------|-----------------|
| Alford | New Marlborough |
| Egremont | Sheffield |
| Monterey | |

II. STATISTICS OF SUPERINTENDENCY UNIONS
AND
REGIONAL SCHOOL DISTRICTS
YEAR ENDING JUNE 30, 1965

| Union
and/or
Region | Date
of
enter-
ing
Union
and/or
Region | State Valuations | | Number
of Prin-
cipals
and full-
time
Teachers | June 30,
1965 | June 30,
1965 | Number
of
school
build-
ings | June 30,
1965 | Full
Salary | Traveling
Expense | State aid
for
1964-65
on account
of employment
of school
superintendents |
|--|--|------------------------|------------------------|---|------------------|------------------|--|------------------|----------------|----------------------|--|
| | | Chap. 559
July 1945 | Chap. 660
Jan. 1963 | | | | | | | | |
| 1. Phillipston
Royalston
Templeton | 1889 | \$ 415,965 | \$ 1,089,000 | 5 | | | 1 | | \$ 1,177.30 | \$ 75.34 | \$ 812.67 |
| | 1889 | 843,047 | 1,249,000 | 6 | | | 2 | | 468.00 | 60.00 | 342.55 |
| | 1889 | 3,546,386 | 6,404,000 | 32 | | | 6 | | 8,104.70 | 493.36 | 2,789.08 |
| 2. Barre
Hardwick
Hubbardston
Petersham | 1890 | 3,478,189 | 5,383,000 | 41 | | | 4 | | 5,500.00 | 512.70 | 1,683.48 |
| | 1890 | 1,897,123 | 2,902,000 | 20 | | | 4 | | 2,750.00 | 255.86 | 1,683.21 |
| | 1889 | 896,634 | 1,765,000 | 13 | | | 1 | | 1,815.00 | 168.93 | 1,110.95 |
| | 1890 | 1,594,532 | 2,219,000 | 9 | | | 1 | | 935.00 | 86.92 | 572.25 |
| 3. Northboro
Southboro | 1890 | 2,429,536 | 7,819,000 | 68 | | | 5 | | 8,540.50 | 471.20 | 1,982.98 |
| | 1890 | 3,813,012 | 7,390,000 | 42 | | | 3 | | 5,959.50 | 328.80 | 1,383.71 |

*Chapter 559, 1945 to Dec. 31, 1964; Chapter 660, 1963 from Jan. 1, 1965 to June 30, 1965

1/ Superintendent in dual capacity - includes reimbursement for Union and Narragansett Regional School District.

2/ Reimbursement to 12/31/64 only - Chapter 660, 1963 valuation over \$4,500,000.

3/ Superintendent in dual capacity - includes reimbursement for Union and Northboro-Southboro Regional School District.

| | | | | | | | | |
|---|------|------------|--------------|-----|---|-------------|-----------|-----------------------|
| 4. Becket | 1890 | \$ 987,076 | \$ 1,908,000 | 9 | 1 | \$ 2,975.00 | \$ 212.55 | \$2,017.21 |
| Chester | 1890 | 1,471,145 | 2,204,000 | 17 | 2 | 5,950.00 | 429.27 | 4,037.05 |
| Middlefield | 1890 | 367,936 | 1,009,000 | 5 | 1 | 991.52 | 81.60 | 679.11 <u>1/</u> |
| 5. Brimfield <u>2/</u> - Monson - Wales <u>2/</u> Union dissolved September 1, 1963 | | | | | | | | |
| 6. Princeton - Sterling Union dissolved September 1, 1959 (See Union #24) | | | | | | | | |
| 7. E. Brookfield | 1921 | 1,178,567 | 2,374,000 | 13 | 2 | 3,630.00 | 198.00 | 2,222.01 |
| N. Brookfield | 1891 | 2,936,362 | 5,011,000 | 35 | 2 | 7,370.00 | 402.00 | 2,255.68 <u>3/</u> |
| 8. Grafton - Upton Union dissolved December 31, 1959 (See Union #59 for Upton) | | | | | | | | |
| 9. Buckland | 1892 | 3,196,995 | 3,878,000 | 5 | 1 | 2,935.32 | 101.39 | 1,845.19 <u>4/</u> |
| Colrain | 1892 | 1,754,249 | 2,660,000 | 9 | 1 | 2,100.00 | 72.66 | 1,320.17 |
| Shelburne | 1892 | 3,716,047 | 4,600,000 | 19 | 2 | 5,423.09 | 189.29 | 1,705.12 <u>3/ 4/</u> |
| 10. Bourne | 1892 | 10,944,806 | 22,067,000 | 176 | 9 | 10,400.00 | 686.40 | - |
| Mashpee | 1892 | 1,044,419 | 4,324,000 | 9 | 1 | 650.00 | 250.00 | 427.17 |
| Sandwich | 1892 | 3,189,064 | 7,571,000 | 32 | 1 | 1,950.00 | 250.00 | 522.10 <u>3/</u> |
| 11. Brewster | 1903 | 2,357,135 | 6,167,000 | 14 | 1 | 1,400.00 | 75.00 | 339.08 <u>3/</u> |
| Dennis | 1892 | 4,922,252 | 18,748,000 | 35 | 1 | 4,455.50 | 150.00 | - <u>5/</u> |
| Yarmouth | 1892 | 7,163,768 | 21,646,000 | 63 | 3 | 8,144.50 | 275.00 | - <u>5/</u> |
| 12. New Braintree | 1895 | 693,275 | 1,324,000 | 3 | 1 | 1,430.00 | 78.00 | 875.34 |
| Warren | 1893 | 3,327,719 | 5,290,000 | 24 | 1 | 6,930.00 | 378.00 | 2,121.01 <u>3/</u> |
| W. Brookfield | 1898 | 1,602,158 | 3,658,000 | 16 | 1 | 2,640.00 | 144.00 | 1,616.01 |

1/ See also Union #27 and Gateway Regional School District.

2/ See Union #61 and Tantasqua Regional School District.

3/ Reimbursement to 12/31/64 only - Chap. 660, 1963 valuation over \$4,500,000.

4/ Superintendent in dual capacity - includes reimbursement for Buckland-Shelburne Regional School District.

5/ Superintendent in dual capacity - Union and Dennis-Yarmouth Regional School District.

| | | | | | | | | |
|-------------------------|--|--------------|--------------|-----|---|-------------|--------|--------------------|
| 13. Hanover | 1894 | \$ 5,358,206 | \$10,525,000 | 91 | 4 | \$11,336.88 | \$ - | \$ - |
| Hanson | 1894 | 3,050,409 | 7,028,000 | 39 | 3 | 1,245.00 | - | 284.58 <u>1/</u> |
| Norwell | 1894 | 2,639,902 | 8,350,000 | 83 | 4 | 1,272.23 | - | 298.80 <u>1/</u> |
| 14. Provincetown | 1894 | 7,343,047 | 11,535,000 | 34 | 2 | 7,312.56 | 300.00 | - |
| Truro | 1902 | 1,802,515 | 5,769,000 | 6 | 1 | 2,437.44 | 300.00 | 890.45 <u>1/</u> |
| 15. Bellingham - Mendon | Union dissolved December 31, 1959 (See Union #59 for Mendon) | | | | | | | |
| 16. Chatham | 1903 | 7,944,594 | 16,817,000 | 45 | 2 | 7,062.50 | 637.19 | - |
| Harwich | 1894 | 8,612,531 | 20,231,000 | 56 | 3 | 7,062.50 | 637.19 | - |
| 17. Granby | 1895 | 1,109,240 | 4,835,000 | 61 | 2 | 801.60 | 64.35 | 492.82 <u>2/</u> |
| South Hadley | 1895 | 10,540,021 | 21,202,000 | 142 | 6 | 2,404.73 | 146.15 | - |
| 18. Bernardston | 1917 | 1,103,808 | 2,485,000 | 10 | 1 | 3,304.00 | 123.60 | 1,861.24 <u>3/</u> |
| Gill | 1895 | 1,086,099 | 1,751,000 | 10 | 2 | 2,360.00 | 121.80 | 1,347.65 |
| Leyden | 1901 | 342,936 | 504,000 | 4 | 1 | 660.80 | 112.20 | 419.75 <u>3/</u> |
| Northfield | 1895 | 2,119,591 | 3,852,000 | 16 | 2 | 4,720.00 | 130.80 | 2,634.05 <u>3/</u> |
| Warwick | 1895 | 421,523 | 882,000 | 4 | 1 | 755.20 | 111.60 | 470.68 <u>3/</u> |
| 19. Chilmark | 1897 | 843,047 | 2,104,000 | 3 | 1 | 633.87 | 45.42 | 368.66 <u>4/</u> |
| Edgartown | 1895 | 5,378,180 | 9,685,000 | 13 | 1 | 2,992.50 | 196.15 | - |
| Gay Head | 1902 | 210,762 | 665,000 | 1 | 1 | 199.82 | 14.91 | 116.54 <u>4/</u> |
| Oak Bluffs | 1895 | 5,270,307 | 7,818,000 | 12 | 1 | 2,803.19 | 192.44 | - |
| Tisbury | 1895 | 6,325,956 | 9,323,000 | 23 | 1 | 4,007.85 | 295.02 | - |
| West Tisbury | 1895 | 831,930 | 1,752,000 | 2 | 1 | 962.77 | 62.86 | 556.62 <u>4/</u> |

1/ Reimbursement to 12/31/64 only - Chapter 660, 1963 valuation over \$4,500,000.

2/ July and August 1964 only - Union dissolved 8/31/64.

3/ Superintendent in dual capacity - includes reimbursement for Union and Pioneer Regional School District.

4/ Superintendent in dual capacity - includes reimbursement for Union and Martha's Vineyard Regional School District.

| | | | | | | | | |
|------------------------|------------------------|--------------|-----------------------------------|----|---|-------------|-----------|-----------------------|
| 20. Georgetown | 1895 | \$ 2,149,152 | \$ 4,244,000 | 51 | 3 | \$ 7,981.00 | \$ 659.46 | \$4,042.62 |
| Rowley | 1895 | 1,802,515 | 3,722,000 | 25 | 1 | 5,320.02 | 431.03 | 2,690.75 |
| 21. Charlemont | 1897 | 1,006,563 | 1,756,000 | 8 | 1 | 5,487.35 | 302.50 | 3,685.17 <u>1/</u> |
| Hawley | 1897 | 274,349 | 428,000 | 3 | 1 | 997.96 | 55.00 | 670.20 <u>1/</u> |
| Heath | 1902 | 471,523 | 681,000 | - | - | 1,497.93 | 82.50 | 1,005.92 |
| Rowe | 1897 | 762,602 | 2,491,000 | 4 | 1 | 1,993.34 | 110.00 | 1,338.75 |
| 22. Ashby | 1897 | 1,386,550 | 2,654,000 | 24 | 2 | 5,306.51 | 500.00 | 3,266.54 |
| Townsend | 1897 | 2,703,772 | 4,912,000 | 25 | 1 | 5,662.54 | 500.00 | 1,733.42 <u>2/</u> |
| 23. Charlton - Holland | <u>3/</u> - Sturbridge | <u>3/</u> | Union dissolved September 1, 1963 | | | | | |
| 24. Holden | 1900 | 4,382,143 | 15,502,000 | 97 | 5 | 7,854.65 | 100.00 | 1,609.91 <u>2/ 4/</u> |
| Oakham | 1900 | 525,110 | 902,000 | 8 | 1 | 415.20 | 100.00 | 208.54 |
| Paxton | 1900 | 1,285,983 | 3,828,000 | 28 | 1 | 1,973.99 | 100.00 | 841.52 <u>4/</u> |
| Princeton | 1959 | 1,386,550 | 2,415,000 | 12 | 1 | 990.79 | 100.00 | 441.52 <u>4/</u> |
| Rutland | 1900 | 1,663,860 | 4,274,000 | 26 | 2 | 1,981.81 | 100.00 | 842.65 <u>4/</u> |
| Sterling | 1959 | 2,439,789 | 6,088,000 | 31 | 2 | 2,813.56 | 100.00 | 589.66 <u>2/ 4/</u> |
| 25. Ashfield | 1900 | 1,525,205 | 2,074,000 | 19 | 1 | 3,869.21 | 240.00 | 2,694.36 |
| Cunnington | 1900 | 623,947 | 1,253,000 | 4 | 1 | 1,933.32 | 120.00 | 1,346.33 |
| Goshen | 1900 | 446,523 | 944,000 | 4 | 1 | 1,933.32 | 120.00 | 1,346.34 |
| Plainfield | 1900 | 367,936 | 845,000 | 3 | 1 | 1,933.32 | 120.00 | 1,346.34 |

1/ Superintendent in dual capacity - includes reimbursement for Union and Hawlemont Regional School District.

2/ Reimbursement to 12/31/64 only - Chapter 660, 1963 valuation over \$4,500,000.

3/ See Union #61 and Tantasqua Regional School District.

4/ Superintendent in dual capacity - includes reimbursement for Union and Wachusett Regional School District.

| | | 1870 | | 1871 | |
|-----|-----------------|------|-----|------|-----|
| No. | Name | 1870 | | 1871 | |
| | | Age | Sex | Age | Sex |
| 1 | John Smith | 25 | M | 26 | M |
| 2 | Mary Smith | 22 | F | 23 | F |
| 3 | James Smith | 20 | M | 21 | M |
| 4 | Elizabeth Smith | 18 | F | 19 | F |
| 5 | William Smith | 15 | M | 16 | M |
| 6 | Ann Smith | 12 | F | 13 | F |
| 7 | Robert Smith | 10 | M | 11 | M |
| 8 | John Smith | 8 | M | 9 | M |
| 9 | Mary Smith | 6 | F | 7 | F |
| 10 | James Smith | 4 | M | 5 | M |
| 11 | Elizabeth Smith | 3 | F | 4 | F |
| 12 | William Smith | 2 | M | 3 | M |
| 13 | Ann Smith | 1 | F | 2 | F |
| 14 | Robert Smith | 0 | M | 1 | M |
| 15 | John Smith | 0 | M | 0 | M |
| 16 | Mary Smith | 0 | F | 0 | F |
| 17 | James Smith | 0 | M | 0 | M |
| 18 | Elizabeth Smith | 0 | F | 0 | F |
| 19 | William Smith | 0 | M | 0 | M |
| 20 | Ann Smith | 0 | F | 0 | F |

| | | | | | | | | | | |
|---------------|------|--------------|--------------|----|---|-------------|----|--------|----|----------------------------|
| 26. Amherst | 1901 | \$11,633,775 | \$19,864,000 | 48 | 8 | \$10,933.76 | \$ | 370.00 | \$ | - |
| Pelham | 1901 | 740,046 | 1,461,000 | 4 | 2 | 1,163.04 | | 38.00 | | 592.34 <u>1/</u> |
| Leverett | - | 541,100 | 1,464,000 | - | - | 717.09 | | 33.00 | | 369.94 <u>1/</u> |
| Shutesbury | - | 421,523 | 786,000 | - | - | 186.11 | | 9.00 | | 96.22 <u>1/</u> |
| 27. Blandford | 1901 | 950,221 | 1,898,000 | 9 | 1 | 1,880.39 | | 166.83 | | 1,023.05 |
| Huntington | 1901 | 1,180,256 | 1,924,000 | 9 | 1 | 4,522.76 | | 408.98 | | 2,464.51 <u>2/</u> |
| Montgomery | 1901 | 317,936 | 599,000 | - | - | 922.65 | | 84.94 | | 503.51 <u>2/</u> |
| Russell | 1901 | 4,474,928 | 5,374,000 | 13 | 1 | 3,982.15 | | 359.88 | | 1,084.91 <u>3/</u> |
| Middlefield | - | 367,936 | 1,009,000 | - | - | 426.99 | | 39.60 | | 233.17 <u>2/</u> <u>4/</u> |
| Worthington | - | 843,047 | 1,500,000 | - | - | 621.37 | | 57.63 | | 339.31 <u>2/</u> <u>5/</u> |
| 28. Erving | 1901 | 2,512,889 | 3,131,000 | 9 | 2 | 2,915.00 | | 185.51 | | 1,784.35 |
| Leverett | 1901 | 541,100 | 1,464,000 | 6 | 1 | 2,200.00 | | 140.02 | | 1,346.68 <u>6/</u> |
| New Salem | 1902 | 567,936 | 674,000 | 12 | 1 | 3,355.00 | | 213.47 | | 2,053.66 |
| Shutesbury | 1901 | 421,523 | 786,000 | 2 | 2 | 1,265.00 | | 80.50 | | 774.34 <u>6/</u> |
| Wendell | 1901 | 353,673 | 496,000 | 2 | 1 | 1,265.00 | | 80.50 | | 774.34 |
| 29. Lee | 1901 | 5,734,825 | 10,599,000 | 56 | 5 | 8,107.51 | | 200.00 | | - |
| Otis | 1901 | 765,104 | 2,282,000 | 6 | 1 | 2,478.00 | | 200.00 | | 1,458.25 |
| Tyringham | 1901 | 531,662 | 958,000 | 3 | 1 | 1,180.00 | | 200.00 | | 751.45 |
| 30. Hinsdale | 1901 | 1,047,374 | 1,971,000 | 11 | 1 | 4,483.04 | | 469.82 | | 2,720.34 |
| Peru | 1901 | 317,936 | 771,000 | 2 | 1 | 2,812.35 | | 235.74 | | 1,674.15 |
| Washington | 1912 | 235,762 | 371,000 | 2 | 1 | 2,199.91 | | 166.69 | | 1,300.94 |
| Windsor | 1901 | 528,698 | 792,000 | 3 | 1 | 1,754.00 | | 135.75 | | 1,037.94 |

1/ Superintendent in dual capacity - includes reimbursement for Union and Amherst-Pelham Regional School District - see also Union #23 for Leverett and Shutesbury.

2/ Superintendent in dual capacity - includes reimbursement for Union and Gateway Regional School District.

3/ Reimbursement to 12/31/64 only - Chapter 660, 1963 valuation over \$4,500,000.

4/ See also Union #4.

5/ See also Union #51.

6/ See also Union #26 - Amherst-Pelham Regional School District.

| | | 1910 | | 1911 | | 1912 | | 1913 | | 1914 | | 1915 | | 1916 | | 1917 | | 1918 | | 1919 | | 1920 | | 1921 | | 1922 | | 1923 | | 1924 | | 1925 | | 1926 | | 1927 | | 1928 | | 1929 | | 1930 | | 1931 | | 1932 | | 1933 | | 1934 | | 1935 | | 1936 | | 1937 | | 1938 | | 1939 | | 1940 | | 1941 | | 1942 | | 1943 | | 1944 | | 1945 | | 1946 | | 1947 | | 1948 | | 1949 | | 1950 | | 1951 | | 1952 | | 1953 | | 1954 | | 1955 | | 1956 | | 1957 | | 1958 | | 1959 | | 1960 | | 1961 | | 1962 | | 1963 | | 1964 | | 1965 | | 1966 | | 1967 | | 1968 | | 1969 | | 1970 | | 1971 | | 1972 | | 1973 | | 1974 | | 1975 | | 1976 | | 1977 | | 1978 | | 1979 | | 1980 | | 1981 | | 1982 | | 1983 | | 1984 | | 1985 | | 1986 | | 1987 | | 1988 | | 1989 | | 1990 | | 1991 | | 1992 | | 1993 | | 1994 | | 1995 | | 1996 | | 1997 | | 1998 | | 1999 | | 2000 | | 2001 | | 2002 | | 2003 | | 2004 | | 2005 | | 2006 | | 2007 | | 2008 | | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | | 2015 | | 2016 | | 2017 | | 2018 | | 2019 | | 2020 | | 2021 | | 2022 | | 2023 | | 2024 | | 2025 | | 2026 | | 2027 | | 2028 | | 2029 | | 2030 | | 2031 | | 2032 | | 2033 | | 2034 | | 2035 | | 2036 | | 2037 | | 2038 | | 2039 | | 2040 | | 2041 | | 2042 | | 2043 | | 2044 | | 2045 | | 2046 | | 2047 | | 2048 | | 2049 | | 2050 | | 2051 | | 2052 | | 2053 | | 2054 | | 2055 | | 2056 | | 2057 | | 2058 | | 2059 | | 2060 | | 2061 | | 2062 | | 2063 | | 2064 | | 2065 | | 2066 | | 2067 | | 2068 | | 2069 | | 2070 | | 2071 | | 2072 | | 2073 | | 2074 | | 2075 | | 2076 | | 2077 | | 2078 | | 2079 | | 2080 | | 2081 | | 2082 | | 2083 | | 2084 | | 2085 | | 2086 | | 2087 | | 2088 | | 2089 | | 2090 | | 2091 | | 2092 | | 2093 | | 2094 | | 2095 | | 2096 | | 2097 | | 2098 | | 2099 | | 2100 | | 2101 | | 2102 | | 2103 | | 2104 | | 2105 | | 2106 | | 2107 | | 2108 | | 2109 | | 2110 | | 2111 | | 2112 | | 2113 | | 2114 | | 2115 | | 2116 | | 2117 | | 2118 | | 2119 | | 2120 | | 2121 | | 2122 | | 2123 | | 2124 | | 2125 | | 2126 | | 2127 | | 2128 | | 2129 | | 2130 | | 2131 | | 2132 | | 2133 | | 2134 | | 2135 | | 2136 | | 2137 | | 2138 | | 2139 | | 2140 | | 2141 | | 2142 | | 2143 | | 2144 | | 2145 | | 2146 | | 2147 | | 2148 | | 2149 | | 2150 | | 2151 | | 2152 | | 2153 | | 2154 | | 2155 | | 2156 | | 2157 | | 2158 | | 2159 | | 2160 | | 2161 | | 2162 | | 2163 | | 2164 | | 2165 | | 2166 | | 2167 | | 2168 | | 2169 | | 2170 | | 2171 | | 2172 | | 2173 | | 2174 | | 2175 | | 2176 | | 2177 | | 2178 | | 2179 | | 2180 | | 2181 | | 2182 | | 2183 | | 2184 | | 2185 | | 2186 | | 2187 | | 2188 | | 2189 | | 2190 | | 2191 | | 2192 | | 2193 | | 2194 | | 2195 | | 2196 | | 2197 | | 2198 | | 2199 | | 2200 | | 2201 | | 2202 | | 2203 | | 2204 | | 2205 | | 2206 | | 2207 | | 2208 | | 2209 | | 2210 | | 2211 | | 2212 | | 2213 | | 2214 | | 2215 | | 2216 | | 2217 | | 2218 | | 2219 | | 2220 | | 2221 | | 2222 | | 2223 | | 2224 | | 2225 | | 2226 | | 2227 | | 2228 | | 2229 | | 2230 | | 2231 | | 2232 | | 2233 | | 2234 | | 2235 | | 2236 | | 2237 | | 2238 | | 2239 | | 2240 | | 2241 | | 2242 | | 2243 | | 2244 | | 2245 | | 2246 | | 2247 | | 2248 | | 2249 | | 2250 | | 2251 | | 2252 | | 2253 | | 2254 | | 2255 | | 2256 | | 2257 | | 2258 | | 2259 | | 2260 | | 2261 | | 2262 | | 2263 | | 2264 | | 2265 | | 2266 | | 2267 | | 2268 | | 2269 | | 2270 | | 2271 | | 2272 | | 2273 | | 2274 | | 2275 | | 2276 | | 2277 | | 2278 | | 2279 | | 2280 | | 2281 | | 2282 | | 2283 | | 2284 | | 2285 | | 2286 | | 2287 | | 2288 | | 2289 | | 2290 | | 2291 | | 2292 | | 2293 | | 2294 | | 2295 | | 2296 | | 2297 | | 2298 | | 2299 | | 2300 | | 2301 | | 2302 | | 2303 | | 2304 | | 2305 | | 2306 | | 2307 | | 2308 | | 2309 | | 2310 | | 2311 | | 2312 | | 2313 | | 2314 | | 2315 | | 2316 | | 2317 | | 2318 | | 2319 | | 2320 | | 2321 | | 2322 | | 2323 | | 2324 | | 2325 | | 2326 | | 2327 | | 2328 | | 2329 | | 2330 | | 2331 | | 2332 | | 2333 | | 2334 | | 2335 | | 2336 | | 2337 | | 2338 | | 2339 | | 2340 | | 2341 | | 2342 | | 2343 | | 2344 | | 2345 | | 2346 | | 2347 | | 2348 | | 2349 | | 2350 | | 2351 | | 2352 | | 2353 | | 2354 | | 2355 | | 2356 | | 2357 | | 2358 | | 2359 | | 2360 | | 2361 | | 2362 | | 2363 | | 2364 | | 2365 | | 2366 | | 2367 | | 2368 | | 2369 | | 2370 | | 2371 | | 2372 | | 2373 | | 2374 | | 2375 | | 2376 | | 2377 | | 2378 | | 2379 | | 2380 | | 2381 | | 2382 | | 2383 | | 2384 | | 2385 | | 2386 | | 2387 | | 2388 | | 2389 | | 2390 | | 2391 | | 2392 | | 2393 | | 2394 | | 2395 | | 2396 | | 2397 | | 2398 | | 2399 | | 2400 | | 2401 | | 2402 | | 2403 | | 2404 | | 2405 | | 2406 | | 2407 | | 2408 | | 2409 | | 2410 | | 2411 | | 2412 | | 2413 | | 2414 | | 2415 | | 2416 | | 2417 | | 2418 | | 2419 | | 2420 | | 2421 | | 2422 | | 2423 | | 2424 | | 2425 | | 2426 | | 2427 | | 2428 | | 2429 | | 2430 | | 2431 | | 2432 | | 2433 | | 2434 | | 2435 | | 2436 | | 2437 | | 2438 | | 2439 | | 2440 | | 2441 | | 2442 | | 2443 | | 2444 | | 2445 | | 2446 | | 2447 | | 2448 | | 2449 | | 2450 | | 2451 | | 2452 | | 2453 | | 2454 | | 2455 | | 2456 | | 2457 | | 2458 | | 2459 | | 2460 | | 2461 | | 2462 | | 2463 | | 2464 | | 2465 | | 2466 | | 2467 | | 2468 | | 2469 | | 2470 | | 2471 | | 2472 | | 2473 | | 2474 | | 2475 | | 2476 | | 2477 | | 2478 | | 2479 | | 2480 | | 2481 | | 2482 | | 2483 | | 2484 | | 2485 | | 2486 | | 2487 | | 2488 | | 2489 | | 2490 | | 2491 | | 2492 | | 2493 | | 2494 | | 2495 | | 2496 | | 2497 | | 2498 | | 2499 | | 2500 | | 2501 | | 2502 | | 2503 | | 2504 | | 2505 | | 2506 | | 2507 | | 2508 | | 2509 | | 2510 | | 2511 | | 2512 | | 2513 | | 2514 | | 2515 | | 2516 | | 2517 | | 2518 | | 2519 | | 2520 | | 2521 | | 2522 | | 2523 | | 2524 | | 2525 | | 2526 | | 2527 | | 2528 | | 2529 | | 2530 | | 2531 | | 2532 | | 2533 | | 2534 | | 2535 | | 2536 | | 2537 | | 2538 | | 2539 | | 2540 | | 2541 | | 2542 | | 2543 | | 2544 | | 2545 | | 2546 | | 2547 | | 2548 | | 2549 | | 2550 | | 2551 | | 2552 | | 2553 | | 2554 | | 2555 | | 2556 | | 2557 | | 2558 | | 2559 | | 2560 | | 2561 | | 2562 | | 2563 | | 2564 | | 2565 | | 2566 | | 2567 | | 2568 | | 2569 | | 2570 | | 2571 | | 2572 | | 2573 | | 2574 | | 2575 | | 2576 | | 2577 | | 2578 | | 2579 | | 2580 | | 2581 | | 2582 | | 2583 | | 2584 | | 2585 | | 2586 | | 2587 | | 2588 | | 2589 | | 2590 | | 2591 | | 2592 | | 2593 | | 2594 | | 2595 | | 2596 | | 2597 | | 2598 | | 2599 | | 2600 | | 2601 | | 2602 | | 2603 | | 2604 | | 2605 | | 2606 | | 2607 | | 2608 | | 2609 | | 2610 | | 2611 | | 2612 | | 2613 | | 2614 | | 2615 | | 2616 | | 2617 | | 2618 | | 2619 | | 2620 | | 2621 | | 2622 | | 2623 | | 2624 | | 2625 | | 2626 | | 2627 | | 2628 | | 2629 | | 2630 | | 2631 | | 2632 | | 2633 | | 2634 | | 2635 | | 2636 | | 2637 | | 2638 | | 2639 | | 2640 | | 2641 | | 2642 | | 2643 | | 2644 | | 2645 | | 2646 | | 2647 | | 2648 | | 2649 | | 2650 | | 2651 | | 2652 | | 2653 | | 2654 | | 2655 | | 2656 | | 2657 | | 2658 | | 2659 | | 2660 | | 2661 | | 2662 | | 2663 | | 2664 | | 2665 | | 2666 | | 2667 | | 2668 | | 2669 | | 2670 | | 2671 | | 2672 | | 2673 | | 2674 | | 2675 | | 2676 | | 2677 | | 2678 | | 2679 | | 2680 | | 2681 | | 2682 | | 2683 | | 2684 | | 2685 | | 2686 | | 2687 | | 2688 | | 2689 | | 2690 | | 2691 | | 2692 | | 2693 | | 2694 | | 2695 | | 2696 | | 2697 | | 2698 | | 2699 | | 2700 | | 2701 | | 2702 | | 2703 | | 2704 | | 2705 | | 2706 | | 2707 | | 2708 | | 2709 | | 2710 | | 2711 | | 2712 | | 2713 | | 2714 | | 2715 | | 2716 | | 2717 | | 2718 | | 2719 | | 2720 | | 2721 | | 2722 | | 2723 | | 2724 | | 2725 | | 2726 | | 2727 | | 2728 | | 2729 | | 2730 | | 2731 | | 2732 | | 2733 | | 2734 | | 2735 | | 2736 | | 2737 | | 2738 | | 2739 | | 2740 | | 2741 | | 2742 | | 2743 | | 2744 | | 2745 | | 2746 | | 2747 | | 2748 | | 2749 | | 2750 | | 2751 | | 2752 | | 2753 | | 2754 | | 2755 | | 2756 | | 2757 | | 2758 | | 2759 | | 2760 | | 2761 | | 2762 | | 2763 | | 2764 | | 2765 | | 2766 | | 2767 | | 2768 | | 2769 | | 2770 | | 2771 | | 2772 | | 2773 | | 2774 | | 2775 | | 2776 | | 2777 | | 2778 | | 2779 | | 2780 | | 2781 | | 2782 | | 2783 | | 2784 | | 2785 | | 2786 | | 2787 | | 2788 | | 2789 | | 2790 | | 2791 | | 2792 | | 2793 | | 2794 | | 2795 | | 2796 | | 2797 | | 2798 | | 2799 | | 2800 | | 2801 | | 2802 | | 2803 | | 2804 | | 2805 | | 2806 | | 2807 | | 2808 | | 2809 | | 2810 | | 2811 | | 2812 | | 2813 | | 2814 | | 2815 | | 2816 | | 2817 | | 2818 | | 2819 | | 2820 | | 2821 | | 2822 | | 2823 | | 2824 | | 2825 | | 2826 | | 2827 | | 2828 | | 2829 | | 2830 | | 2831 | | 2832 | | 2833 | | 2834 | | 2835 | | 2836 | | 2837 | | 2838 | | 2839 | | 2840 | | 2841 | | 2842 | | 2843 | | 2844 | | 2845 | | 2846 | | 2847 | | 2848 | | 2849 | | 2850 | | 2851 | | 2852 | | 2853 | | 2854 | | 2855 | | 2856 | | 2857 | | 2858 | | 2859 | | 2860 | | 2861 | | 2862 | | 2863 | | 2864 | | 2865 | | 2866 | | 2867 | | 2868 | | 2869 | | 2870 | | 2871 | | 2872 | | 2873 | | 2874 | | 2875 | | 2876 | | 2877 | | 2878 | | 2879 | | 2880 | | 2881 | | 2882 | | 2883 | | 2884 | | 2885 | | 2886 | | 2887 | | 2888 | | 2889 | | 2890 | | 2891 | | 2892 | | 2893 | | 2894 | | 2895 | | 2896 | | 2897 | | 2898 | | 2899 | | 2900 | | 2901 | | 2902 | | 2903 | | 2904 | | 2905 | | 2906 | | 2907 | | 2908 | | 2909 | | 2910 | | 2911 | | 2912 | | 2913 | | 2914 | | 2915 | | 2916 | | 2917 | | 2918 | | 2919 | | 2920 | | 2921 | | 2922 | | 2923 | | 2924 | | 2925 | | 2926 | | 2927 | | 2928 | | 2929 | | 2930 | | 2931 | | 2932 | | 2933 | | 2934 | | 2935 | | 2936 | | 2937 | | 2938 | | 2939 | | 2940 | |
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| | | | | | | | | | |
|--------------|------|--------------|--------------|----|---|-------------|--------|-----------|--------------|
| 31. Halifax | 1901 | \$ 1,663,860 | \$ 4,026,000 | 13 | 2 | \$ 2,288.00 | \$ - | \$ 980.76 | <u>1/</u> |
| Kingston | 1901 | 5,121,176 | 8,885,000 | 30 | 1 | 4,122.00 | - | - | |
| Pembroke | 1901 | 3,466,374 | 8,008,000 | 38 | 3 | 7,028.00 | - | 1,506.29 | <u>2/ 1/</u> |
| Plympton | 1901 | 893,047 | 1,709,000 | 6 | 1 | 1,337.00 | - | 573.11 | <u>1/</u> |
| 32. Cheshire | 1912 | 1,418,354 | 3,271,000 | 22 | 1 | 4,599.84 | 340.00 | 2,693.34 | |
| Hancock | 1902 | 538,698 | 807,000 | 7 | 1 | 1,840.00 | 136.00 | 1,077.37 | |
| Lanesboro | 1902 | 1,667,506 | 4,219,000 | 18 | 1 | 4,599.84 | 340.00 | 2,693.34 | |
| New Ashford | 1902 | 138,655 | 241,000 | 3 | 1 | 459.96 | 34.00 | 269.32 | |

33. Topsfield 3/ - Wenham 4/ Union dissolved September 1, 1959

| | | | | | | | | | |
|----------------|------|-----------|-----------|----|---|----------|--------|----------|--------------|
| 34. Freetown | 1902 | 1,733,187 | 4,120,000 | 21 | 1 | 6,987.76 | 300.00 | 3,361.04 | <u>5/</u> |
| Lakeville | 1902 | 1,793,268 | 5,023,000 | 25 | 3 | 7,012.24 | 300.00 | 1,686.17 | <u>2/ 5/</u> |
| 35. Millis | 1902 | 3,466,374 | 8,265,000 | 71 | 3 | 9,975.00 | 700.00 | 2,356.68 | <u>2/</u> |
| Norfolk | 1902 | 1,687,042 | 4,331,000 | 18 | 1 | 4,275.00 | 300.00 | 2,020.01 | |
| 36. Richmond | 1902 | 843,047 | 2,342,000 | 7 | 1 | 6,750.00 | 400.00 | 3,047.06 | |
| W. Stockbridge | 1902 | 1,579,183 | 2,898,000 | 8 | 1 | 8,250.00 | 400.00 | 3,686.31 | |
| 37. Berkley | 1902 | 1,062,998 | 1,784,000 | 17 | 2 | 1,119.96 | 87.48 | 596.17 | |
| Dighton | 1902 | 3,813,012 | 7,732,000 | 31 | 2 | 4,839.12 | 326.75 | 1,275.30 | <u>2/ 6/</u> |
| Gosnold | 1936 | 1,371,744 | 1,379,000 | 1 | 1 | 447.96 | 35.04 | 238.48 | |
| Rehoboth | 1960 | 3,203,043 | 7,358,000 | 42 | 4 | 6,393.00 | 388.17 | - | |

1/ Superintendent in dual capacity - includes reimbursement for Union and Silver Lake Regional School District.

2/ Reimbursement to 12/31/64 only - Chapter 660, 1963 valuation over \$4,500,000.

3/ See Union #58.

4/ See Union #57.

5/ Superintendent in dual capacity - includes reimbursement for Union and Freetown-Lakeville Regional School District.

6/ Superintendent in dual capacity - includes reimbursement for Union and Dighton-Rehoboth Regional School District.

| | | | | | | | | | |
|----------------|------|--------------|--------------|-----|---|-------------|-----------|-----------|----|
| 38. Conway | 1903 | \$ 1,060,526 | \$ 1,468,000 | 5 | 1 | \$ 1,626.26 | \$ 153.93 | \$ 919.51 | 1/ |
| Deerfield | 1903 | 4,644,942 | 6,582,000 | 22 | 2 | 5,707.16 | 166.12 | - | 1/ |
| Sunderland | 1903 | 1,571,744 | 2,201,000 | 8 | 1 | 2,833.61 | 158.64 | 1,545.57 | 1/ |
| Whately | 1903 | 1,455,877 | 2,335,000 | 6 | 2 | 2,233.87 | 156.31 | 1,234.59 | 1/ |
| 39. Granville | 1903 | 2,224,766 | 5,045,000 | 14 | 2 | 1,200.00 | 155.74 | 336.67 | 2/ |
| Sandisfield | 1903 | 762,602 | 1,274,000 | 4 | 1 | 1,800.00 | 233.61 | 1,010.00 | |
| Southwick | 1903 | 2,565,117 | 7,796,000 | 79 | 3 | 7,800.00 | 1,012.31 | 2,188.35 | 2/ |
| Tolland | 1903 | 475,110 | 741,000 | 1 | 1 | 1,200.00 | 155.74 | 673.34 | |
| 40. Dudley | 1903 | 4,093,701 | 9,059,000 | 41 | 3 | 3,884.04 | 107.35 | 1,096.24 | 2/ |
| Webster | 1903 | 12,576,893 | 25,336,000 | 73 | 4 | 7,766.66 | 500.00 | - | |
| 41. Newbury | 1905 | 2,565,117 | 5,339,000 | 30 | 2 | 5,500.00 | 700.00 | 1,683.34 | 2/ |
| Salisbury | 1905 | 3,395,562 | 6,378,000 | 36 | 2 | 5,500.00 | 700.00 | 1,683.35 | 2/ |
| 42. Ayer | 1909 | 4,243,255 | 6,033,000 | 119 | 6 | 7,800.00 | 228.46 | 1,976.17 | 2/ |
| Boxboro | 1921 | 415,965 | 1,139,000 | 10 | 1 | 1,300.00 | 38.10 | 658.73 | |
| Shirley | 1909 | 2,556,218 | 3,607,000 | 23 | 2 | 3,900.00 | 114.23 | 1,976.17 | |
| 43. Clarksburg | 1912 | 996,753 | 2,201,000 | 10 | 2 | 3,874.26 | 225.20 | 2,688.17 | |
| Florida | 1912 | 1,582,506 | 1,682,000 | 5 | 1 | 2,905.88 | 165.35 | 2,013.93 | |
| Monroe | 1912 | 1,109,240 | 1,084,000 | 2 | 1 | 1,251.29 | 71.65 | 867.50 | |
| Savoy | 1912 | 260,762 | 453,000 | 2 | 2 | 1,636.21 | 93.70 | 1,134.37 | |
| 44. Blackstone | 1913 | 2,773,100 | 5,378,000 | 32 | 4 | 6,762.64 | 457.61 | 2,037.54 | 2/ |
| Millville | 1917 | 1,056,221 | 2,175,000 | 10 | 2 | 4,549.96 | 160.00 | 2,658.29 | |
| 45. Raynham | 1920 | 2,149,152 | 5,890,000 | 44 | 4 | 4,300.00 | 300.00 | 1,122.23 | 2/ |
| W. Bridgewater | 1920 | 4,004,472 | 8,036,000 | 59 | 2 | 8,600.00 | 600.00 | 2,244.45 | 2/ |

1/ Superintendent in dual capacity - includes reimbursement for Union and Frontier Regional School District.

2/ Reimbursement to 12/31/64 only - Chapter 660, 1963 valuation over \$4,500,000.

| | | | | | | | | | |
|-----|---|------|------------|--------------|----|---|-------------|-----------|------------------------------|
| 46. | Dunstable | 1911 | \$ 485,292 | \$ 1,110,000 | 6 | 1 | \$ 1,150.00 | \$ 100.00 | \$ 673.34 |
| | Pepperell | 1909 | 3,327,719 | 6,838,000 | 24 | 3 | 4,600.00 | 400.00 | 1,346.68 <u>1/</u> |
| | Tyngsboro | 1924 | 1,582,506 | 4,543,000 | 28 | 2 | 5,750.00 | 500.00 | 1,683.34 <u>1/</u> |
| 47. | Bolton | 1926 | 1,247,895 | 2,794,000 | 15 | 2 | 1,899.96 | 270.00 | 1,066.53 |
| | Carlisle | 1926 | 1,268,157 | 2,831,000 | 24 | 4 | 3,537.48 | 369.98 | 1,920.49 |
| | Harvard | 1926 | 2,639,902 | 4,527,000 | 31 | 4 | 3,075.00 | 379.98 | 849.05 <u>1/</u> |
| | Stow | 1926 | 1,525,205 | 5,446,000 | 33 | 2 | 3,737.40 | 430.00 | 1,024.13 <u>1/</u> |
| 48. | Essex | 1929 | 1,802,515 | 4,290,000 | 18 | 1 | 5,200.00 | 251.04 | 2,678.89 |
| | Manchester | 1929 | 10,560,807 | 17,834,000 | 48 | 2 | 7,800.00 | 450.09 | - |
| 49. | Boylston - West Boylston Union dissolved July 1, 1961 (See Union #60 for Boylston). | | | | | | | | |
| 50. | Dover | 1950 | 6,325,116 | 11,146,000 | 34 | 2 | 3,707.91 | 224.65 | - |
| | Sherborn | 1950 | 3,466,374 | 6,562,000 | 31 | 2 | 3,667.09 | 221.75 | 2,592.56 <u>1/</u> <u>2/</u> |
| 51. | Chesterfield | 1902 | 683,203 | 1,139,000 | 7 | 1 | 1,500.00 | 125.00 | 841.67 |
| | Southampton | 1953 | 1,274,519 | 3,095,000 | 19 | 1 | 3,000.00 | 250.00 | 1,683.34 |
| | Westhampton | 1953 | 415,965 | 1,259,000 | 4 | 1 | 1,500.00 | 125.00 | 841.67 |
| | Williamsburg | 1902 | 1,605,991 | 2,963,000 | 36 | 3 | 4,500.00 | 375.00 | 2,525.02 |
| | Worthington | 1902 | 843,047 | 1,500,000 | 4 | 1 | 1,500.00 | 125.00 | 841.67 <u>3/</u> |
| 52. | Douglas | 1953 | 2,560,496 | 4,174,000 | 24 | 3 | 5,942.33 | 300.00 | 3,362.38 |
| | Sutton | 1953 | 2,315,889 | 5,011,000 | 45 | 4 | 5,958.32 | 300.00 | 1,635.50 <u>1/</u> |

1/ Reimbursement to 12/31/64 only - Chapter 660, 1963 valuation over \$4,500,000.

2/ Superintendent in dual capacity - includes reimbursement for Union and Dover-Sherborn Regional School District.

3/ See also Union #27 and Gateway Regional School District.

| | | | | | | | | | |
|----------------|------|--------------|--------------|----|---|-------------|-----------|------------|-------|
| 53. Groveland | 1955 | \$ 1,714,765 | \$ 4,024,000 | 32 | 2 | \$ 5,316.57 | \$ 243.36 | \$2,540.01 | 1/ |
| Merrimac | 1955 | 2,173,238 | 4,274,000 | 20 | 1 | 4,861.02 | 237.44 | 2,329.19 | 1/ |
| W. Newbury | 1955 | 1,582,506 | 3,365,000 | 13 | 1 | 3,957.81 | 222.75 | 1,864.17 | 1/ |
| 54. Eastham | 1894 | 1,594,532 | 6,564,000 | 8 | 1 | 3,418.75 | 318.60 | 893.96 | 2/ 3/ |
| Orleans | 1894 | 4,997,518 | 11,764,000 | 15 | 1 | 6,121.63 | 570.60 | - | - |
| Wellfleet | 1894 | 2,357,135 | 6,387,000 | 8 | 1 | 3,334.62 | 310.80 | 871.97 | 2/ 3/ |
| 55. Marion | 1958 | 5,797,739 | 10,652,000 | 20 | 1 | 5,447.67 | 365.44 | - | - |
| Mattapoisett | 1958 | 4,115,233 | 9,187,000 | 23 | 1 | 5,447.66 | 392.55 | - | - |
| Rochester | 1959 | 1,686,093 | 3,134,000 | 12 | 1 | 2,676.94 | 385.45 | 1,401.24 | 4/ |
| 56. Ashburnham | 1959 | 1,983,466 | 4,136,000 | 19 | 3 | 6,007.50 | 164.25 | 2,923.27 | 5/ |
| Westminster | 1959 | 2,111,204 | 5,297,000 | 25 | 1 | 7,492.50 | 151.48 | 1,810.30 | 2/ 5/ |
| 57. Hamilton | 1959 | 6,215,676 | 4,216,000 | 60 | 3 | 11,226.00 | 668.00 | - | - |
| Wenham | 1959 | 4,475,995 | 7,841,000 | 33 | 2 | 4,646.00 | 334.00 | 993.61 | 2/ 6/ |
| 58. Boxford | 1960 | 1,317,222 | 4,216,000 | 25 | 2 | 5,000.50 | 224.82 | 2,449.93 | |
| Topsfield | 1960 | 3,189,064 | 9,822,000 | 35 | 2 | 8,599.50 | 436.42 | 2,141.72 | 2/ |
| 59. Mendon | 1960 | 1,632,181 | 3,422,000 | 15 | 1 | 4,851.00 | 240.00 | 2,693.24 | 7/ |
| Upton | 1960 | 1,666,378 | 3,552,000 | 23 | 2 | 7,277.00 | 360.00 | 4,040.13 | 7/ |
| 60. Berlin | 1961 | 1,369,021 | 2,580,000 | 19 | 1 | 4,640.00 | 400.00 | 2,693.35 | 8/ |
| Boylston | 1961 | 1,078,808 | 2,953,000 | 26 | 2 | 6,960.00 | 600.00 | 4,040.02 | 8/ |

1/ Superintendent in dual capacity - includes reimbursement for Union and Pentucket Regional School District.

2/ Reimbursement to 12/31/64 only - Chapter 660, 1963 valuation over \$4,500,000.

3/ Superintendent in dual capacity - includes reimbursement for Union and Eastham-Orleans-Wellfleet Regional School District.

4/ Superintendent in dual capacity - includes reimbursement for Union and Old Rochester Regional School District.

5/ Superintendent in dual capacity - includes reimbursement for Union and Ashburnham-Westminster Regional.

6/ Superintendent in dual capacity - includes reimbursement for Union and Hamilton-Wenham Regional.

7/ Superintendent in dual capacity - includes reimbursement for Union and Mendon-Upton Regional School District.

8/ Superintendent in dual capacity - includes reimbursement for Union and Berlin-Boylston Regional School District.

| | | | | | | | | | |
|---------------|------|--------------|--------------|----|---|-------------|----------|------------|-------|
| 61. Brimfield | 1963 | \$ 1,178,567 | \$ 2,894,000 | 9 | 1 | \$ 2,655.87 | \$ 60.54 | \$1,167.93 | 1/ |
| Brookfield | 1963 | 1,538,216 | 3,089,000 | 14 | 1 | 3,618.03 | 78.22 | 1,589.22 | 1/ |
| Holland | 1963 | 297,310 | 1,614,000 | 7 | 1 | 1,323.96 | 23.63 | 579.40 | 1/ |
| Sturbridge | 1963 | 2,593,217 | 6,993,000 | 22 | 1 | 5,876.91 | 144.72 | 1,294.51 | 1/ 2/ |
| Wales | 1963 | 419,594 | 1,161,000 | 5 | 1 | 1,441.87 | 31.23 | 633.36 | 1/ |
| 62. Carver | 1963 | 3,119,737 | 5,153,000 | 20 | 2 | 2,584.02 | 146.00 | 573.26 | 2/ 3/ |
| Plymouth | 1963 | 25,422,539 | 43,402,000 | 95 | 6 | 12,790.98 | 355.00 | - | |

Southern Berkshire
Regional School
District 1954

| | | | | | | | | | |
|--------------|--|-----------|-----------|----|---|----------|--------|----------|--|
| Alford | | 367,936 | 633,000 | 55 | 9 | 600.20 | 24.13 | 321.72 | |
| Egremont | | 1,109,240 | 2,458,000 | | | 2,323.00 | 93.39 | 1,245.17 | |
| Monterey | | 970,585 | 1,373,000 | | | 1,300.44 | 52.28 | 697.06 | |
| New Marlboro | | 1,605,345 | 3,702,000 | | | 2,712.02 | 109.02 | 1,453.68 | |
| Sheffield | | 1,871,842 | 4,302,000 | | | 5,501.85 | 221.18 | 2,949.08 | |

Towns of less than \$2,500,000 valuation, not in Unions (Chap. 71, Sec. 59A)
(Reimbursement to 12/31/64 only - Chapter 660, 1963 valuations over \$4,500,000)

| | | | | | | | | | |
|-------------|------|-----------|-----------|----|---|-----------|---|----------|--|
| Avon | 1955 | 2,118,339 | 5,891,000 | 59 | 2 | 12,100.00 | - | 1,666.67 | |
| Belchertown | 1951 | 1,955,792 | 5,052,000 | 49 | 3 | 10,850.00 | - | 1,666.67 | |
| Charlton | 1963 | 2,297,156 | 4,861,000 | 42 | 2 | 9,500.00 | - | 1,666.67 | |
| Hampden | 1953 | 1,057,396 | 3,268,000 | 24 | 1 | 8,900.00 | - | 1,666.67 | |
| Middleton | 1956 | 2,433,023 | 4,550,000 | 25 | 1 | 11,100.00 | - | 1,666.67 | |
| Plainville | 1956 | 1,941,170 | 5,177,000 | 21 | 1 | 8,900.00 | - | 1,666.67 | |

TOTALS - - - \$743,926.14 \$41,540.58 \$237,776.95

- 1/ Superintendent in dual capacity - includes reimbursement for Union and Tantasqua Regional School District.
2/ Reimbursement to 12/31/64 only - Chapter 660, 1963 valuations over \$4,500,000.
3/ Superintendent in dual capacity - includes reimbursement for Union and Plymouth-Carver Regional School District.

ANNUAL REPORT

Division of Educational Television

Year ending June 30, 1965

THE 21 HOUR CLASSROOM, a telecasting service supported with funds contributed voluntarily by public, private and parochial school systems wishing to participate, has completed its eighth consecutive year of presenting in-school television programs to its members and other interested viewers. Overseeing the entire operation is the Massachusetts Executive Committee for Educational Television created by Chapter 167 of the Acts of 1960. The production and broadcast of these programs is conducted through the facilities of Boston's educational station, WBUR-TV, Channel 2.

PERSONNEL

In November of 1964, Mr. Alan Stephenson, Director of THE 21 HOUR CLASSROOM, resigned to accept a position as Director of Educational Services for WVEZ in Cleveland, Ohio. Serving as Acting Director was Mrs. Louise Greep McManara, who was appointed the year before as Assistant Director. Miss Myrtle K. Hyde has been assisting Mrs. McManara since December of 1964. A new director will be appointed during the summer, since Mrs. McManara is resigning in July.

We are happy to announce that Mr. William Powers, Superintendent of the Needham Public Schools, was elected to serve for a second term as Chairman of the Executive Committee, along with Mr. William Young, Superintendent of Braintree, who also is serving for a second term as Vice-Chairman. Replacing Mr. Frederick Robinson, Director of the Springfield Fine Arts Museum, who resigned in November, is Mr. Robert J. McCarthy. Mr. McCarthy is Secretary of the University of Massachusetts, Amherst, Massachusetts. In April, Dr. Robert Russell, Superintendent of the Longmeadow Public Schools, was appointed by the Board of Education to serve on the Executive Committee replacing Mr. John L. Fitzpatrick, Superintendent of the Chicopee Schools. Other members of the Committee are John B. Chaffee, Superintendent of Wollensley; Hart H. Fessenden, Headmaster of

General Report

Department of Agriculture

Washington, D.C.

The following report was prepared by the Department of Agriculture, Bureau of Plant Industry, in response to a request from the Department of the Interior, Bureau of Land Management, for information regarding the status of the various plant species which are found in the various lands which are owned by the Department of the Interior. The report was prepared by the Bureau of Plant Industry, and is being submitted to the Department of the Interior for their consideration.

Summary

The following is a summary of the information which is contained in the report. The report is divided into two parts. The first part contains a list of the various plant species which are found in the various lands which are owned by the Department of the Interior. The second part contains a description of the various plant species which are found in the various lands which are owned by the Department of the Interior.

The following is a list of the various plant species which are found in the various lands which are owned by the Department of the Interior. The list is divided into two parts. The first part contains a list of the various plant species which are found in the various lands which are owned by the Department of the Interior. The second part contains a list of the various plant species which are found in the various lands which are owned by the Department of the Interior.

the Fessenden School, Newton; Gordon Harris, Museum of Science; Horace Hewlett, Secretary of Amherst College; Monsignor Albert Low, Archdiocese of Boston; William J. Cunningham, Assistant Superintendent of Boston; Dr. Thomas J. Curtin, Deputy Commissioner of Education; and Gordon Swan, Milton School Committee.

PROFESSIONAL ADVISORY COMMITTEE

Last winter the Massachusetts Executive Committee, realizing the need for a group to study and evaluate existing series and to make recommendations regarding future programs, formed a Programming Advisory Committee with representatives from the member school systems, MMSB, universities, and the Department of Education. Committee members are as follows: Dr. Vincent Courty, Dr. J. Bernard Everett, Mr. Walter P. Gleason, Mr. Robert Laram, Miss Ann E. Macdonald, Mr. George Moore, Mr. Paul F. Pochler, Mrs. Mary A. Procopio, Mr. Joseph C. Regar, Sister Teresa Bernard, S.N.D., Sister M. Francis Regis, C.S.J., Dr. Everett S. Thistle, Dr. John Tyrell, Dr. William C. Vannoy, and Mr. Lauriston Ward, Jr.

REVISIONS

During 1964 it became clear that some of the older 21 TMC CLASSROOM series would have to be retired, especially since the program tapes were becoming worn. However, the Curriculum Committee indicated that they did not wish to see the three proposed series (Woods 2, Literature 3 and Science 6) discontinued and recommended that replacement of these series be undertaken immediately. Therefore, during the 1964-65 school year second graders were viewing two new programs--a revised edition of the popular music series featuring Tony Martin as the television teacher and entitled SING, CHILDREN, SING and a literature series entitled THE BOOKSHELF. The latter series consists of films of some of the outstanding picture books in children's literature. Mrs. Louise Greay McManara, with the help of the "Bookworm," a puppet designed especially for the series, introduces each program. A Bookworm Traveling Library, consisting of all the books mentioned in this series, has been assembled in a laundry case and is available to all member school systems. This series has stimulated much creative ability among second graders--as an example, eight second graders from the Beechwood Hall School in Quincy were awarded a "Goldard Medal" by their teacher for the books they published as a result of their experience with this series.

YOU COME TOO, the new third and fourth grade literature series, also presented THE 21 INCH CLASSROOM's newest television teacher, Mrs. Mary Jane Yurchak. And, our third revised series, Science 6, entitled WORLD OF CHANGE, featured for the second time Mr. Gene Gray as the television teacher.

We were pleased to expand our field trips program this year by the inclusion of a trip down the Freedom Trail, a two-part visit to the Nation's Capitol Building, and three films on early American life--Colonial Williamsburg, New England Farm Community, and The Long Journey West.

These series, along with two other new ones which came to us from New Hampshire and New York, (MET AT YOUR FINGERTIPS and THE TEACHING OF READING), brought the total of 21 INCH CLASSROOM series presentations for the school year to twenty-four. They included phonics and science programs for grade 1, music, science and literature for grade 2, literature and science for grade 3, art and science for grade 5, French for grades 4, 5, 6, a news background program, entitled PLACES IN THE NEWS, for grades 5 through 7, science for grade 6, field trip specials for grades 5 through 8, for junior and senior high grades--SURVIVAL IN THE SEA (marine science), ACCEST CE MUSIC, PRACTICAL POLITICS, ACTION AT LAW, IDIOTITIES, and SHAKESPEARE SPECIALS--and, in-service teacher's courses in math and reading.

For the first time there were two offerings on our telecast schedule for viewers during after-school hours. One was a course entitled LIP READING, a specialized course for the hard of hearing, the other an introductory course in electronics entitled ELECTRONICS AT WORK.

AWARDS

In June, 1965, ALL ABOUT YOU, our science series for grade 1, received an Ohio State Award "in recognition of outstanding achievement in instructional television," the sixth such award to be presented to a 21 INCH CLASSROOM production.

The third grade science series, LAND AND SEA, and last year's Ohio State Award's winner, was awarded a contract for national distribution by the Great Plains Regional Instructional Television Library. NEIGHBORHOOD EXPLORERS, a second grade science series, was also awarded a contract for national distribution by the same library.

THE 21 INCH CLASSROOM OFFICES

The need for more room for our growing organization brought about the relocation of THE 21 INCH CLASSROOM to new and more spacious offices at 30 Franklin Street, Boston.

STATE-WIDE COVERAGE

Although the Executive Committee took steps during 1953-54 to bring educational television to more children in the Commonwealth by the erection of two transmitters in the areas near Springfield and Ashoret, the major step this winter was the signing of a contract between the Committee and Jansky and Bailey, engineering consultants. The firm of Jansky and Bailey has agreed to conduct a wide-scale technical engineering survey to determine the feasibility of bringing instructional television to all of the Commonwealth. Many states now have a state-wide educational network, and it is hoped that in the very near future so will Massachusetts. A final report is expected to be published before the conclusion of the next fiscal year.

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STATISTICS

FINANCIAL REPORT OF THE DEPARTMENT
OF EDUCATION

FISCAL YEAR ENDED JUNE 30, 1965

(From Massachusetts Financial Report

prepared by the Comptroller's Bureau)

GENERAL FUND

RECEIPTS BY DEPARTMENTS AND SOURCE FOR THE FISCAL YEAR ENDED JUNE 30, 1965

| Department | Total
Receipts | Taxes &
Surtaxes | Fees, Fines
& Penalties | Contributions
& Assessments |
|--|-------------------|---------------------|----------------------------|--------------------------------|
| EDUCATION: | | | | |
| Division of State Colleges | \$ 1 506 538 04 | \$ - | \$ 1 505 409 34 | \$ - |
| Division of University Extension | 411 327 98 | - | 314 352 11 | - |
| Division of the Blind | 277 876 06 | - | - | - |
| Community School Lunch Program | 50 000 00 | - | - | - |
| Division of Vocational Education | 34 662 17 | - | 3 465 25 | - |
| Division of Special Education | 14 710 66 | - | - | - |
| Administration | 3 104 74 | - | - | - |
| Division of Library Extension | 1 943 00 | - | 1 658 00 | - |
| Teachers' Retirement Board | 3 50 | - | - | - |
| Schools and Colleges: | | | | |
| University of Massachusetts | 3 780 225 60 | - | 2 316 915 93 | - |
| Massachusetts Maritime Academy | 193 586 71 | - | 55 070 00 | - |
| Massachusetts College of Art | 105 964 03 | - | 105 187 00 | - |
| State Colleges: | | | | |
| Bridgewater | 672 646 80 | - | 339 762 00 | - |
| Fitchburg | 667 659 23 | - | 281 657 70 | - |
| Boston | 563 846 75 | - | 561 862 84 | - |
| Framingham | 472 613 08 | - | 218 755 25 | - |
| Salem | 421 196 81 | - | 387 331 00 | - |
| Worcester | 260 184 73 | - | 258 953 00 | - |
| Westfield | 246 880 97 | - | 179 687 40 | - |
| Lowell | 182 140 64 | - | 177 403 28 | - |
| North Adams | 151 610 07 | - | 102 380 90 | - |
| Technological Institutes: | | | | |
| Lowell | 780 140 73 | - | 681 942 93 | 10 000 00 |
| Southeastern | 358 696 78 | - | 336 866 67 | 20 000 00 |
| Regional Community Colleges: | | | | |
| Massachusetts Bay - Boston | 271 820 77 | - | 270 704 51 | - |
| Holyoke | 257 067 52 | - | 256 498 11 | - |
| Berkshire - Pittsfield | 167 625 24 | - | 167 446 36 | - |
| Quinsigamond - Worcester | 162 633 09 | - | 162 464 40 | - |
| Cape Cod - Hyannis | 146 009 60 | - | 145 833 19 | - |
| Northern Essex - Haverhill | 138 478 78 | - | 138 290 32 | - |
| Greenfield | 96 766 40 | - | 95 462 33 | - |
| Mt. Wachusett - Gardner | 55 286 70 | - | 55 266 90 | - |
| North Shore - Beverly | 6 150 00 | - | 6 150 00 | - |
| Youth Service Board: | | | | |
| Administration | 38 798 39 | - | - | - |
| Industrial School for Boys | 15 370 52 | - | - | - |
| Lyman School for Boys | 13 593 54 | - | - | - |
| Industrial School for Girls | 8 521 46 | - | - | - |
| Institute of Juvenile Guidance | 1 563 00 | - | - | - |
| Reception and Detention Facilities for Boys | 1 423 59 | - | - | - |
| Residential Treatment Unit, Oakdale | 966 91 | - | - | - |
| Reception and Detention Facilities for Girls | 647 93 | - | - | - |
| Youth Forestry Camp | 474 00 | - | - | - |
| Total | \$ 12 540 756 52 | \$ - | \$ 9 126 776 72 | \$ 30 000 00 |

GENERAL FUND

RECEIPTS BY DEPARTMENTS AND SOURCE FOR THE FISCAL YEAR ENDED JUNE 30, 1965

| Interest &
Income | Licenses
& Permits | Reimbursement
for Services | Rents | Sales | Federal
Reimbursement | Miscellaneous |
|----------------------|-----------------------|-------------------------------|-----------------------|----------------------|--------------------------|----------------------|
| \$ - | \$ - | \$ - | \$ - | \$ 359 00 | \$ - | \$ 769 70 |
| - | 3 290 00 | - | - | 24 299 49 | 68 235 97 | 1 150 41 |
| - | 12 00 | 29 237 50 | - | 248 184 14 | - | 442 42 |
| - | - | 50 000 00 | - | - | - | - |
| - | - | 15 941 50 | - | - | 10 600 38 | 4 655 04 |
| - | - | 14 710 66 | - | - | - | - |
| - | 2 100 00 | - | 105 04 | 382 00 | - | 517 70 |
| - | - | - | - | - | - | 285 00 |
| - | - | - | - | - | - | 3 50 |
| - | 116 00 | 166 733 98 | 1 124 126 39 | 87 300 22 | 416 00 | 84 617 08 |
| - | - | 340 00 | 107 09 | 26 50 | 134 717 00 | 3 326 12 |
| - | - | - | 119 03 | 648 00 | 10 00 | - |
| - | - | 326 132 68 | 3 171 22 | 1 808 61 | 1 421 05 | 351 24 |
| - | - | 382 985 71 | 1 041 01 | 1 739 15 | 61 00 | 174 66 |
| - | - | - | 644 33 | 3 230 58 | 49 00 | 1 940 00 cr |
| - | - | 248 214 70 | 4 368 50 | 1 071 44 | - | 203 19 |
| - | - | 29 080 18 | 2 189 32 | 1 687 00 | 100 00 | 809 31 |
| - | - | - | 215 73 | 964 00 | 52 00 | - |
| - | - | 65 195 19 | 1 488 96 | 471 00 | 31 00 | 7 42 |
| - | - | - | 4 395 08 | 305 00 | 27 00 | 10 28 |
| - | - | 46 660 92 | 1 293 99 | 679 00 | 38 00 | 557 26 |
| - | - | - | 86 611 03 | 416 06 | 191 00 | 979 71 |
| - | - | - | 837 77 | 896 49 | 64 85 | 31 00 |
| - | - | - | 256 16 | - | - | 860 10 |
| - | - | - | 183 42 | 182 00 | - | 203 99 |
| - | - | - | 51 53 | 113 00 | - | 14 35 |
| - | - | - | 45 69 | 123 00 | - | - |
| - | - | - | 14 82 | 83 00 | - | 78 59 |
| - | - | - | 21 50 | 155 00 | - | 11 96 |
| - | - | - | - | - | - | 1 304 07 |
| - | - | - | - | 7 00 | - | 12 80 |
| - | - | - | - | - | - | - |
| - | - | 38 798 39 | - | - | - | - |
| - | - | 3 030 00 | 11 813 43 | 28 02 | - | 499 07 |
| - | - | 4 117 40 | 8 794 42 | 602 54 | - | 79 18 |
| - | - | 4 006 00 | 3 929 00 | 114 29 | - | 472 17 |
| - | - | 675 00 | 879 60 | - | - | 8 40 |
| - | - | 1 152 00 | - | - | - | 271 59 |
| - | - | 519 00 | 441 46 | 6 45 | - | - |
| - | - | 477 00 | - | - | - | 170 93 |
| - | - | 474 00 | - | - | - | - |
| <u>\$ -</u> | <u>\$ 5 518 00</u> | <u>\$ 1 428 481 81</u> | <u>\$1 257 145 52</u> | <u>\$ 375 881 98</u> | <u>\$ 216 014 25</u> | <u>\$ 100 938 24</u> |

GENERAL FUND

STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1965

1300 DEPARTMENT OF EDUCATION

| | Appropriations | Other Credits | Total Credits | Expenditures | Encumbrances Continuing Appropriations | Unencumbered Balance |
|--|----------------|-----------------------------|---------------|--------------|--|----------------------|
| | \$ | \$ | \$ | \$ | \$ | \$ |
| 01-01 Administration | 27 500 00 | - | 27 500 00 | 27 500 00 | - | - |
| 02 Commissioner's salary | 641 560 00 | - | 641 560 00 | 631 066 83 | - | 10 493 17 |
| 04 Matching fds. - Nat'l Defense Educ. Act 1958
(See account 1301-90) | | | | | | |
| 05 Advisory Comm. - academically talented pupils | 3 700 00 | - | 3 700 00 | 800 00 | - | 2 900 00 |
| 06 School registers and blanks | 8 830 00 | - | 8 830 00 | 8 799 68 | - | 30 32 |
| 07 Teachers' Institutes | 1 200 00 | - | 1 200 00 | 757 80 | - | 442 20 |
| 10 Maintenance - Newbury Street Building | 51 043 00 | - | 51 043 00 | 47 822 69 | - | 3 220 31 |
| 13 Exp. - Nat'l Council, State school officers | 1 900 00 | - | 1 900 00 | 1 900 00 | - | - |
| 15 Advisory Board of Higher Education Policy | 23 220 00 | 994 00 B | 24 214 00 | 22 755 10 | - | 1 458 90 |
| 16 Special programs - disadvantaged children | 50 000 00 | - | 50 000 00 | 3 349 50 | 35 506 25 | 11 144 25 R |
| 17 Special prog. - academically talented children | 50 000 00 | - | 50 000 00 | 1 963 77 | 46 194 88 | 1 841 35 R |
| 20 Board of Education | 12 713 00 | - | 12 713 00 | 12 528 00 | - | 185 00 |
| 23 Printing guides | 7 000 00 | - | 7 000 00 | 265 00 | - | 6 735 00 |
| 25 Board of Collegiate Authority | 400 00 | - | 400 00 | 350 00 | - | 50 00 |
| 29 Sight saving classes | 2 000 00 | - | 2 000 00 | 2 000 00 | - | - |
| 32 Assistance - children of war veterans | 500 000 00 | 186 066 06 A | 686 066 06 | 368 099 35 | - | 317 966 71 R |
| 33 Educational service - war veterans | 29 550 00 | - | 29 550 00 | 20 626 80 | - | 8 923 20 |
| 90 Matching fds. - Nat'l Defense Educ. Act 1958 | 218 000 00 | 74 892 43 A
89 458 33 F | 382 350 76 | 205 970 52 | 12 990 03 | 163 390 21 R |
| School Lunch Commodity Distr. Program | | | | | | |
| 05-01 Administration | 216 566 00 | - | 216 566 00 | 215 724 82 | - | 841 18 |
| 05 Partial assistance | 450 000 00 | 59 212 46 A | 509 212 46 | 442 968 70 | - | 66 243 76 R |
| Division of Vocational Education | | | | | | |
| 07-01 Administration | 148 926 00 | 3 653 00 B | 152 579 00 | 148 729 17 | - | 3 849 83 |
| 02 Surplus Property Board | 14 116 00 | - | 14 116 00 | 10 842 00 | - | 3 274 00 |
| Division of Special Education | | | | | | |
| 11-01 Education of deaf and blind pupils | 3 100 000 00 | 597 863 88 A | 3 697 863 88 | 3 016 454 62 | 3 060 10 | 678 349 16 R |
| 02 Education of emotionally disturbed children | 1 730 000 00 | 343 203 20 A | 2 073 203 20 | 2 029 922 08 | - | 43 281 12 R |
| 13-01 Division of University Extension | 309 008 00 | 13 891 00 B
408 037 98 F | 730 936 98 | 718 051 73 | - | 12 885 25 |
| 15-01 Division of Immigration & Americanization | 116 357 00 | 5 601 00 B | 121 958 00 | 121 700 38 | - | 257 62 |
| 16-01 Division of Library Extension | 186 140 00 | - | 186 140 00 | 174 397 23 | - | 11 742 77 |
| Division of the Blind | | | | | | |
| 17-01 Administration | 414 213 00 | 9 451 00 B | 423 664 00 | 379 602 91 | - | 44 061 09 |
| 08 Aid to adult blind | 2 425 500 00 | 68 074 00 A | 2 493 574 00 | 2 468 127 00 | 6 310 08 | 19 136 92 R |
| 10 Piano tuning | 33 000 00 | - | 33 000 00 | 31 679 00 | - | 1 321 00 |

GENERAL FUND

STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1965

| 1300 DEPARTMENT OF EDUCATION | | Appropriations | Other Credits | Total Credits | Expenditures | Encumbrances Continuing Appropriations | Unencumbered Balances |
|---|--|----------------|----------------|---------------|---------------|--|-----------------------|
| Division of the Blind | | | | | | | |
| 17-11 | Local shops | \$ 283 650 00 | \$ - | \$ 283 650 00 | \$ 248 786 96 | \$ - | \$ 34 863 04 |
| 15 | Salesroom operation | 47 528 00 | - | 47 528 00 | 37 667 81 | - | 9 860 19 |
| 16 | Cambridge industries | 511 967 00 | - | 511 967 00 | 507 611 86 | - | 4 355 14 |
| 18 | Retirement grants | 46 024 00 | - | 46 024 00 | 41 974 79 | - | 4 049 21 |
| 28 | Promotion - vocational rehabilitation | 191 000 00 | 62 676 16 A | 253 676 16 | 194 024 68 | 50 176 78 | 9 474 70 R |
| Teachers' Retirement Board | | | | | | | |
| 19-01 | Administration | 190 738 00 | - | 190 738 00 | 187 318 04 | - | 3 419 96 |
| 02 | Retirement assessments of teachers formerly in military or naval service | 500 00 | - | 500 00 | 189 00 | - | 311 00 |
| Massachusetts Maritime Academy - maint. of academy, ship and administration | | | | | | | |
| 27-10 | | 550 098 00 | - | 550 098 00 | 532 645 96 | - | 17 452 04 |
| Division of State Colleges | | | | | | | |
| 29-01 | Administration | 171 225 00 | - | 171 225 00 | 170 915 87 | - | 309 13 |
| 02 | Program of continuing studies | 6 500 00 | 1 361 341 88 F | 1 367 841 88 | 1 366 055 30 | - | 1 786 58 |
| 03 | Aid to certain pupils - State Colleges | 4 000 00 | - | 4 000 00 | 4 000 00 | - | - |
| State College - Bridgewater | | | | | | | |
| 30-01 | Maintenance | 1 482 885 00 | - | 1 482 885 00 | 1 481 276 54 | - | 1 608 46 |
| 02 | Const. - central power plt. & imp. util. dist. sys. | 95 000 00 | - | 95 000 00 | - | - | 95 000 00 R |
| 21 | Boarding hall, maintenance | 304 050 00 | - | 304 050 00 | 290 930 45 | - | 13 119 55 |
| State College - Fitchburg | | | | | | | |
| 31-01 | Maintenance | 1 212 493 00 | - | 1 212 493 00 | 1 210 516 06 | - | 1 976 94 |
| 02 | Community College Program | 60 000 00 | - | 60 000 00 | 59 779 55 | - | 220 45 |
| 10 | Scholarships | 10 000 00 | - | 10 000 00 | 10 000 00 | - | - |
| 21 | Boarding hall, maintenance | 164 504 00 | - | 164 504 00 | 160 001 21 | - | 4 502 79 |
| State College - Framingham | | | | | | | |
| 32-01 | Maintenance | 869 100 00 | - | 869 100 00 | 869 085 31 | - | 14 69 |
| 21 | Boarding hall, maintenance | 280 000 00 | - | 280 000 00 | 279 597 88 | - | 402 12 |
| State College - Lowell | | | | | | | |
| 33-01 | Maintenance | 666 518 00 | - | 666 518 00 | 666 419 10 | - | 98 90 |
| 21 | Boarding hall, maintenance | 17 190 00 | - | 17 190 00 | 15 128 91 | - | 2 061 09 |
| State College - North Adams | | | | | | | |
| 34-01 | Maintenance | 438 750 00 | - | 438 750 00 | 438 679 11 | - | 70 89 |
| 21 | Boarding hall, maintenance | 54 440 00 | - | 54 440 00 | 50 010 02 | - | 4 429 98 |
| 30 | Certain fuel tank repairs | 4 500 00 | - | 4 500 00 | 4 375 00 | - | 125 00 |
| State College - Salem, maintenance | | | | | | | |
| 35-01 | | 1 337 930 00 | - | 1 337 930 00 | 1 315 276 09 | - | 22 653 91 |
| State College - Westfield | | | | | | | |
| 36-01 | Maintenance | 716 290 00 | - | 716 290 00 | 701 106 25 | - | 15 183 75 |
| 21 | Boarding hall, maintenance | 41 230 00 | - | 41 230 00 | 41 176 28 | - | 53 72 |
| State College - Worcester, maintenance | | | | | | | |
| 37-01 | | 951 500 00 | - | 951 500 00 | 944 813 78 | - | 6 686 22 |
| State College - Boston | | | | | | | |
| 38-01 | Maintenance | 1 644 390 00 | - | 1 644 390 00 | 1 644 050 00 | - | 340 00 |
| 05 | Trimester Program | 40 000 00 | - | 40 000 00 | - | 39 250 00 | 750 00 R |
| Massachusetts College of Art, maint. | | | | | | | |
| 39-01 | | 453 675 00 | - | 453 675 00 | 447 401 41 | - | 6 273 59 |

GENERAL FUND

STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1965

| | | Appropriations | Other Credits | Total Credits | Expenditures | Encumbrances Continuing Appropriations | Unencumbered Balances |
|------------------------------------|---|----------------|----------------|---------------|---------------|--|-----------------------|
| 2600 STATE AID TO CITIES AND TOWNS | | | | | | | |
| Department of Education | | | | | | | |
| 13-01 | Children of employed mothers | 5 000 00 | 33 A | 5 000 33 | 5 000 00 | - | 33 R |
| 03 | School superintendents - small towns | 229 777 00 | 11 938 47 A | 241 715 47 | 241 715 22 | - | 25 R |
| 04 | Transportation of pupils | 9 422 027 00 | 1 73 A | 9 422 028 73 | 9 422 027 52 | - | 1 21 R |
| 05 | Vocational education | 6 630 100 00 | 4 240 77 A | 6 634 340 77 | 6 634 339 79 | - | 98 R |
| Department of Education | | | | | | | |
| 13-06 | Adult English speaking classes | \$ 124 372 00 | \$ 588 82 A | \$ 124 960 82 | \$ 124 960 67 | \$ - | 15 R |
| 07 | Outside schools transportation | 200 000 00 | 2 447 66 A | 202 447 66 | 194 561 16 | - | 7 886 50 R |
| 08 | School Building Assistance Commission - construction of school projects | 20 500 000 00 | 24 986 09 A | 20 524 986 09 | 20 482 220 02 | - | 42 766 07 R |
| 09 | School lunch program - partial assistance | 3 381 000 00 | 11 26 A | 3 381 011 26 | 2 969 476 20 | - | 411 535 06 R |
| 10 | Education - deaf and blind pupils | 170 000 00 | 1 563 78 A | 171 563 78 | 152 485 75 | - | 19 078 03 R |
| 11 | Pensions - retired teachers | 3 440 000 00 | 126 362 69 A | 3 566 362 69 | 3 537 359 76 | - | 29 002 93 R |
| 12 | Youth Service Bd. - tuition, public schools | 9 000 00 | 149 70 A | 9 149 70 | 9 149 70 | - | - |
| 13 | Delinquency prevention program, Boston | 63 020 00 | - | 63 020 00 | 63 020 00 | - | - |
| 14 | Delinquency prevention program, Cambridge | 3 500 00 | 1 166 68 A | 4 666 68 | 4 666 68 | - | - |
| 15 | School adjustment counsellors | 343 621 00 | 36 404 22 A | 380 025 22 | 373 647 30 | 6 377 08 | 84 R |
| 17 | Retirement system - State's share | 20 000 000 00 | 1 140 612 02 A | 21 917 045 16 | 20 852 108 37 | - | 1 064 936 79 R |
| 18 | Division of Library Extension - regional public libraries | 225 000 00 | 776 433 14 F | 612 856 67 | 313 408 14 | - | 299 448 53 R |
| 19 | Junior Colleges - extended courses | 60 000 00 | 9 13 A | 60 009 13 | 57 019 16 | - | 2 989 97 R |
| 20 | Public libraries | 1 250 000 00 | 20 029 36 A | 1 270 029 36 | 1 263 387 95 | - | 6 641 41 R |
| 21 | Delinquency prevention program, Springfield | 8 500 00 | - | 8 500 00 | 8 500 00 | - | - |
| 22 | Delinquency prevention program, Brookline | 4 500 00 | - | 4 500 00 | 4 500 00 | - | - |
| 23 | Delinquency prevention program, Arlington | 12 000 00 | - | 12 000 00 | 12 000 00 | - | - |

STATEMENT XXVII
FEDERAL GRANTS

STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1965

| | July 1, 1964
Balance | Receipts | Total
Credits | Total
Charges | Encumbrances
Continuing
Appropriations | Unencumbered
Balances |
|---|-------------------------|--------------|------------------|------------------|--|--------------------------|
| 4100 | | | | | | |
| Department of Education | | | | | | |
| 44-00 Lowell Tech. Institute - Summer Science Prog.
for Secondary Students (See account 4282-00) | 1 367 05 | 1 367 05 cr | - | - | - | - |
| 45-00 Summer Inst. in BSCS - Bridgewater, S. C. | | | | | | |
| 47-00 Division of Vocational Education | | | | | | |
| 48-00 Manpower development & training - adminis. | 16 102 40 c | 89 825 89 | 105 928 29 | 71 361 73 | 1 221 76 | 33 344 80 R |
| 49-00 Manpower development & training - training | 726 375 71 | 3 839 154 12 | 4 565 529 83 | 3 727 599 32 | - | 837 930 51 R |
| 49-00 A.R.A. retraining program | 8 901 85 | 162 807 00 | 171 708 85 | 138 664 85 | - | 33 044 00 R |
| 52-00 Div. of Library Extens. - public library serv. | 34 312 27 | 549 799 00 | 584 111 27 | 431 783 87 | 118 188 97 | 34 138 43 R |
| 59-00 Training - teachers of handicapped children | - | 76 500 00 | 76 500 00 | 68 900 00 | - | 7 600 00 R |
| 60-00 Special milk program | 435 707 72 | 2 891 629 71 | 3 327 337 43 | 3 220 494 95 | - | 106 842 48 R |
| 61-00 Smith-Hughes and Barden Acts | 290 823 29 d | 3 443 464 46 | 3 734 287 75 | 1 706 681 81 | 4 000 93 | 2 023 605 01 R |
| 62-00 Community school lunch program | - | 2 744 551 00 | 2 744 551 00 | 2 744 551 00 | - | - |
| 63-00 Science clubs | 4 500 00 | - | 4 500 00 | 1 711 83 | - | 2 788 17 R |
| National Defense Education Act | | | | | | |
| 50-00 Area vocational education program | 154 12 d | - | 154 12 | 154 08 | - | 04 R |
| 51-00 Miscellaneous provisions | 5 533 68 | 49 533 00 | 55 066 68 | 47 994 88 | 6 365 76 | 706 04 R |
| 53-00 Acquisition of equipment & remodeling | 2 087 205 68 | - | 2 087 205 68 | 1 712 566 75 | - | 370 845 03 R |
| | | | | 3 793 90 a | | |
| National Defense Education Act | | | | | | |
| 54-00 Supervision & administration - State plan | 17 089 48 | 100 534 00 | 117 623 48 | 93 747 31 | 5 042 03 | 18 834 14 R |
| 55-00 Guidance, counseling & testing program | 24 046 87 | 610 167 33 | 634 214 20 | 575 449 11 | 2 311 74 | 56 453 35 R |
| Aid to the Blind | | | | | | |
| 56-00 Administration | 17 103 64 | 168 496 73 | 185 600 37 | 178 108 92 | 410 03 | 7 081 42 R |
| 57-00 Grants in aid | 112 363 53 c | 1 148 085 33 | 1 260 448 86 | 1 240 010 50 | - | 20 438 36 R |
| 58-01 Vocational rehabilitation | 50 607 54 | 193 181 39 | 243 788 93 | 214 746 09 | 26 935 35 | 2 107 49 R |
| University of Massachusetts | | | | | | |
| 65-00 Argicultural extension work | - | 588 142 19 | 588 142 19 | 588 142 19 | - | - |
| 67-00 Argicultural marketing research | - | 42 685 03 | 42 685 03 | 42 685 03 | - | - |
| 68-00 Rural civil defense | - | 11 167 00 | 11 167 00 | 11 167 00 | - | - |

FEDERAL GRANTS

STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1965

| | July 1, 1964
Balance | Receipts | Total
Credits | Total
Charges | Encumbrances
Continuing
Appropriations | Unencumbered
Balances |
|---|-------------------------|------------|------------------|------------------|--|--------------------------|
| 4200 | | | | | | |
| Department of Education | | | | | | |
| Lowell Technological Institute | | | | | | |
| 80-00 Nuclear chemistry & radiochemistry research | 395 57 | - | 395 57 | 395 57 | - | - |
| 81-00 Payment of fabrication charges - PuBe Source | 10 00 | - | 10 00 | 10 00 | - | - |
| 82-00 Summer sci. tng. prog. - secondary sch. stud. | 3 726 68 | 3 910 12 | 7 636 80 | 7 636 80 | - | - |
| 83-00 Training in radiological health | - | 47 298 00 | 47 298 00 | 23 651 27 | 3 578 66 | 20 068 07 R |
| Greenfield Community College | | | | | | |
| 90-00 Undergraduate instr. scientific equipment prog. | - | 3 870 00 | 3 870 00 | 3 028 16 | 841 84 | - |
| Miscellaneous | | | | | | |
| 52-00 Endowment of colleges | - | 322 375 97 | 322 375 97 | 322 375 97 | - | - |
| 55-00 Federal nursery production | 139 82 | - | 139 82 | 136 74 | - | 3 08 R |
| 4300 | | | | | | |
| Department of Education | | | | | | |
| University of Massachusetts | | | | | | |
| 21-00 Goessmann Chem. Lab. - research equipment | 13 600 00 | - | 13 600 00 | - | - | 13 600 00 R |
| Morrill Science Center | | | | | | |
| 22-00 Facilities - research & graduate training | - | 218 025 00 | 218 025 00 | 218 025 00 | - | - |
| 23-00 Bacteriology & zoology - constr. & fixed equip. | - | 68 563 00 | 68 563 00 | 68 563 00 | - | - |
| 27-00 Fac. - research & graduate training - equipment | - | 21 800 00 | 21 800 00 | - | - | 21 800 00 R |
| Graduate Research in Food Science | | | | | | |
| 25-00 Remodel bldg. & constr. structure-constr. & equip. | - | 231 215 00 | 231 215 00 | 126 795 45 | 104 419 55 | - |
| 26-00 Remodel bldg. & constr. structure-lab. apparatus | - | 34 685 00 | 34 685 00 | 4 421 60 | 29 341 18 | 922 22 R |
| Research in Avian Biology | | | | | | |
| 28-00 Fac. for graduate level - constr. & furnishings | - | 123 425 00 | 123 425 00 | - | - | 123 425 00 R |
| 29-00 Fac. for graduate level - laboratory apparatus | - | 3 950 00 | 3 950 00 | - | - | 3 950 00 R |
| Co-operative research | | | | | | |
| 50-00 | - | 20 748 00 | 20 748 00 | 17 515 20 | 3 232 80 | - |
| Southeastern Mass. Technological Institute | | | | | | |
| 58-00 College work study program | - | 33 994 00 | 33 994 00 | 6 394 00 | - | 27 600 00 R |
| Higher Education Facilities Commission | | | | | | |
| 59-00 Administrative expenses - Title I | - | 51 651 66 | 51 651 66 | 26 718 16 | 9 474 27 | 15 459 23 R |
| State College - Salem, college work study prog. | - | 6 138 00 | 6 138 00 | 2 896 30 | - | 3 241 70 R |
| 81-00 State College - Bridgewater, college work study program | - | 2 938 00 | 2 938 00 | 776 09 | 2 161 91 | - |

BOND FUNDS

STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1965

| | CURRENT FISCAL YEAR | | | | | CUMULATIVE TOTALS | |
|-------------------------|--|------------------|--------------|--------------|--------------------------|------------------------|-------------------|
| | Appropriations
& Other Credits | Total
Credits | Expenditures | Encumbrances | Unencumbered
Balances | Total
Authorization | Total
Payments |
| DEPARTMENT OF EDUCATION | | | | | | | |
| 8063-53 | Inv. & study - educ. tele. & broadcasting equip. | 50 000 00 A | - | 20 100 00 | 29 900 00 R | 50 000 00 | - |
| 8064-07 | Scientific, technological & other educational
reference material - Educational Institutions | 120 432 13 A | 98 089 96 | 10 147 46 | 12 194 71 R | 200 000 00 | 177 657 83 |
| 8157-11 | Fire protection improvements - buildings | 56 92 A | 56 92 K | - | - | 14 943 08 | 14 943 08 |
| 8164-23 | Scientific, technological & other educational
reference material - Educational Institutions | 65 643 62 A | 54 946 27 | 5 117 89 | 5 579 46 R | 100 000 00 | 89 302 65 |
| 8255-06 | Fire protection improvements - buildings | 72 38 A | 72 38 K | - | - | 526 364 12 | 526 364 12 |
| 8260-07 | Fire protection improvements | 170 451 18 A | 134 197 39 | 36 253 79 | - | 375 597 72 | 339 343 93 |

BOND FUNDS

STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1965

| | CURRENT FISCAL YEAR | | | | CUMULATIVE TOTALS | |
|---|-----------------------------------|------------------|--------------|--------------------------|------------------------|-------------------|
| | Appropriations
& Other Credits | Total
Credits | Expenditures | Unencumbered
Balances | Total
Authorization | Total
Payments |
| DEPARTMENT OF EDUCATION | | | | | | |
| Office of the Commissioner | | | | | | |
| 8165-71 Equipment | \$ 1 600 00 A | \$ 1 600 00 | \$ 1 278 14 | \$ 64 82 R | \$ 1 600 00 | \$ 1 278 14 |
| 8264-76 Equipment | 430 26 A | 430 26 | 430 15 | 11 | 2 459 89 | 2 459 89 |
| 8264-77 Board of Education - equipment | 24 00 A | 24 00 | 19 00 | 5 00 | 330 00 | 330 00 |
| State Building, Newbury Street | | | | | | |
| 8165-72 Repairs and improvements | 6 500 00 A | 6 500 00 | 5 596 14 | 109 84 R | 6 500 00 | 5 596 14 |
| 73 Equipment | 400 00 A | 400 00 | 170 92 | 10 78 R | 400 00 | 170 92 |
| 8165-74 School Lunch Commodity Distr. Prog. - equip. | 905 00 A | 905 00 | 636 00 | 45 85 R | 905 00 | 636 00 |
| Division of Vocational Education | | | | | | |
| 8165-75 Equipment | 1 000 00 A | 1 000 00 | - | 974 31 | 1 000 00 | - |
| 8264-78 Equipment | 834 50 A | 834 50 | 732 71 | 101 79 | 1 500 00 | 1 398 21 |
| Division of Immigration & Americanization | | | | | | |
| 8165-76 Equipment | 1 000 00 A | 1 000 00 | 919 96 | 80 04 R | 1 000 00 | 919 96 |
| 8264-79 Equipment | 600 00 A | 600 00 | 597 00 | 3 00 | 1 197 00 | 1 197 00 |
| 8165-77 Division of Public Libraries - scientific, tech. & other educ. reference material | 16 000 00 A | 16 000 00 | 12 881 52 | - | 16 000 00 | 12 881 52 |
| Division of the Blind | | | | | | |
| Administration | | | | | | |
| 8165-78 Equipment | 5 500 00 A | 5 500 00 | 4 020 52 | 1 479 48 R | 5 500 00 | 4 020 52 |
| 8264-80 Equipment | 1 743 30 A | 1 743 30 | 1 255 01 | 304 29 | 5 010 71 | 4 826 71 |
| Local Shops | | | | | | |
| 8165-79 Equipment | 2 500 00 A | 2 500 00 | 976 61 | 1 364 39 R | 2 500 00 | 976 61 |
| 8263-72 Equipment | 565 00 A | 565 00 | 565 00 | - | 1 627 32 | 1 627 32 |
| 8264-81 Repairs and improvements | 171 00 A | 171 00 | - | 171 00 | 829 00 | 829 00 |
| 82 Equipment | 974 47 A | 974 47 | 326 70 | 225 65 | 899 35 | 477 23 |
| 83 Operation of Salesroom - equipment | 229 25 A | 229 25 | 139 10 | 90 15 | 209 85 | 209 85 |
| Cambridge Industries | | | | | | |
| 8165-80 Equipment | 3 400 00 A | 3 400 00 | 1 383 17 | 1 843 73 R | 3 400 00 | 1 383 17 |
| 8263-74 Equipment | 1 155 74 A | 1 155 74 | 1 155 74 | - | 3 272 54 | 3 272 54 |
| 8264-84 Equipment | 2 862 56 A | 2 862 56 | 1 295 94 | 324 72 | 4 410 28 | 3 168 38 |
| Teachers' Retirement Board | | | | | | |
| 8165-81 Equipment | 4 000 00 A | 4 000 00 | 2 872 99 | 788 11 R | 4 000 00 | 2 872 99 |
| 8264-85 Equipment | 6 60 A | 6 60 | - | 6 60 | 1 343 40 | 1 343 40 |
| Massachusetts Maritime Academy | | | | | | |
| 8063-03 Construction of engineering classroom bldg. | 269 000 00 A | 269 000 00 | - | 267 900 00 R | 269 000 00 | - |
| 8065-04 Constr. - bldg. inc. lab., clsrms., lib. & offices | 350 000 00 | 350 000 00 | 4 779 92 | 316 692 08 R | 350 000 00 | 4 779 92 |
| 8165-82 Equipment | 1 500 00 A | 1 500 00 | 95 00 | 1 002 00 R | 1 500 00 | 95 00 |
| 83 Sci., tech. & other educ. ref. material - library | 15 000 00 A | 15 000 00 | 5 761 73 | 7 487 05 R | 15 000 00 | 5 761 73 |
| 8259-10 Acquisition of land with buildings | 1 554 94 A | 1 554 94 | 1 300 00 | 254 94 | 60 150 00 | 59 895 06 |
| 11 Plans - engineering classroom building | 7 091 90 A | 7 091 90 | 7 091 90 | - | 30 000 00 | 22 908 10 |
| 13 Construction of central heating plant | 2 634 90 A | 2 634 90 | 2 252 68 K | 382 22 | 106 431 96 | 106 049 74 |
| 14 Addition, administrative offices & renov. bldg. | 10 972 59 A | 10 972 59 | 7 836 47 | 3 136 12 | 75 000 00 | 71 863 88 |

| | | | | | | | | | |
|--|--|--------------|--------------|-------------|----------------|--------------|--------------|--|--|
| Massachusetts Maritime Academy | | | | | | | | | |
| 8260-08 | Addition, administrative offices & renov. bldg. | 424 32 A | 424 32 | - | 7 689 55 R | 69 750 00 | 69 325 68 | | |
| 8262-04 | Purchase & install power conversion unit | 8 190 35 A | 500 80 | - | 3 979 50 R | 60 000 00 | 51 809 65 | | |
| 8264-86 | Repairs & improvements - wharf & buildings | 85 000 00 A | 75 525 99 | 5 494 51 | - | 85 000 00 | 5 494 51 | | |
| 87 | Equipment | 2 034 71 A | 1 999 71 | 35 00 | - | 2 800 00 | 800 29 | | |
| 8463-74 | Acquisition of property, improvements | 37 624 85 A | 2 624 85 | 2 427 50 | 32 572 50 | 22 427 50 | 19 802 65 | | |
| Division of State Colleges - scientific, tech., & other educational reference material | | | | | | | | | |
| 8165-84 | | 200 000 00 A | 51 770 39 | 120 299 66 | 27 929 95 R | 200 000 00 | 120 299 66 | | |
| State College - Boston | | | | | | | | | |
| 8064-16 | Plans - physical education building | 80 000 00 A | 64 100 00 | - | 15 900 00 R | 80 000 00 | - | | |
| 17 | Renov. & improve - administration building | 100 000 00 A | 8 635 33 | 51 584 42 | 39 780 25 R | 100 000 00 | 51 584 42 | | |
| 18 | Constr. sci. bldg. & renov. p. plt. util. dist. sys. | 127 000 00 A | - | - | 127 000 00 R | 127 000 00 | - | | |
| 8065-15 | Construction of physical education center | 2 170 000 00 | - | - | 2 170 000 00 R | 2 170 000 00 | - | | |
| 8259-36 | Building renovations and improvements | 4 59 A | - | 4 59 K | - | 271 182 14 | 271 182 14 | | |
| 8261-28 | Constr. sci. bldg. & renov. p. plt. util. dist. sys. | 436 096 24 A | 46 913 89 | 354 877 00 | 34 305 35 R | 2 600 000 00 | 2 518 780 76 | | |
| 8263-94 | Improv. distrib. sys., renov. classrooms, & lib. | 22 310 54 A | 5 981 88 | 15 985 19 | 343 47 | 74 656 53 | 68 674 65 | | |
| 95 | Improvements, exterior walls and roofs | 8 905 50 A | - | 8 905 50 | - | 30 440 00 | 30 440 00 | | |
| 96 | Equipment | 1 224 25 A | - | 1 224 25 | - | 3 997 22 | 3 997 22 | | |
| 8265-04 | Repairs and improvements | 5 500 00 A | - | - | 5 500 00 R | 5 500 00 | - | | |
| 05 | Exterior painting | 14 000 00 A | - | - | 14 000 00 R | 14 000 00 | - | | |
| 06 | Equipment | 15 000 00 A | 1 959 62 | 13 038 98 | 1 40 R | 15 000 00 | 13 038 98 | | |
| 8364-10 | Repairs and improvements | 23 900 00 A | 29 05 | 29 05 | 19 970 95 | 5 529 05 | 1 629 05 | | |
| 11 | Equipment | 1 194 31 A | - | 1 187 82 | 6 49 | 11 193 51 | 11 193 51 | | |
| State College - Bridgewater | | | | | | | | | |
| 8063-04 | Constr. power plant & improv. utility system | 655 917 24 A | 100 098 85 | 601 818 31 | 08 R | 1 044 000 00 | 943 901 07 | | |
| 8065-05 | Acquisition of property | 46 000 00 D | - | - | - | - | - | | |
| 86 | Plans for Student-Union Building | 100 000 00 | 19 500 00 | 53 700 00 | 26 800 00 R | 100 000 00 | 53 700 00 | | |
| 8165-85 | Repairs and improvements | 170 000 00 | 140 154 50 | 29 845 50 | - | 170 000 00 | 29 845 50 | | |
| 86 | Equipment - Boarding Hall | 13 550 00 A | - | 4 720 00 | 8 830 00 R | 13 550 00 | 4 720 00 | | |
| 87 | Fire escapes - Tellinghast & Woodward Dorm. | 22 000 00 A | 4 211 94 | 2 331 61 | 15 456 45 R | 22 000 00 | 2 331 61 | | |
| | | 20 000 00 A | 1 500 00 | - | 18 500 00 R | 20 000 00 | - | | |
| 8258-24 | Dormitory | 26 715 08 A | 3 320 05 | 23 395 03 K | - | 601 604 97 | 598 284 92 | | |
| 25 | Dorm. & improv. kitchen & dining facilities | 86 016 46 A | 26 112 82 | 1 800 00 | - | 1 251 896 36 | 1 225 783 54 | | |
| 8259-15 | Improv. plumbing, heating & ventilating sys. | 21 960 91 A | 14 343 74 | 6 889 18 | - | 138 382 77 | 124 039 03 | | |
| 8260-09 | Dormitory | 11 383 64 A | 1 813 07 | 727 99 K | - | 87 429 43 | 85 616 36 | | |
| 10 | Land & plans - new Science Building | 10 516 35 A | - | 9 570 57 D | 10 516 35 R | 110 000 00 | 99 483 65 | | |
| 8262-05 | Science classrm. building & improv. gymn. | 657 976 97 A | 217 803 53 | 303 910 99 | 136 262 45 R | 2 380 000 00 | 2 025 934 02 | | |
| 8263-78 | Equipment | 190 00 A | - | 188 10 | 1 90 | 7 144 69 | 7 144 69 | | |
| 8264-88 | Repairs and improvements | 3 327 90 A | - | 3 212 90 | 115 00 | 16 435 00 | 16 435 00 | | |
| 89 | Repairs, Boarding Hall | 5 000 00 A | 5 000 00 | - | - | 5 000 00 | - | | |
| 90 | Repairs - floors, Burnell School & Boyden Hall | 13 249 19 A | 4 522 00 | 68 19 | 8 659 00 R | 20 000 00 | 6 819 00 | | |
| 91 | Improvements and additions - library | 31 701 00 A | 10 013 37 | 21 464 24 | 223 39 | 31 776 61 | 21 763 24 | | |
| 92 | Equipment, Boarding Hall | 6 775 91 A | 1 954 70 | 4 529 01 | 292 20 | 12 407 80 | 10 453 10 | | |
| 93 | Classroom and laboratory equipment | 19 047 83 A | 281 84 | 17 726 57 | 1 039 42 | 34 960 58 | 34 678 74 | | |
| State College - Fitchburg | | | | | | | | | |
| 8063-05 | Plans for Women's Dormitory | 75 838 36 A | 861 44 | 64 655 76 | 10 321 16 R | 91 000 00 | 79 817 40 | | |
| 54 | Acq. prop. & constr. physical educ. fields & fac. | 250 000 00 A | 19 616 00 | 16 476 40 | 213 907 60 R | 250 000 00 | 16 476 40 | | |
| 8065-07 | Construction of Women's Dormitory | 2 181 000 00 | 1 390 482 70 | 117 30 | 290 400 00 R | 2 181 000 00 | 117 30 | | |
| 8165-88 | Repairs and improvements | 26 000 00 A | 14 282 00 | 5 031 72 | 6 686 28 R | 26 000 00 | 5 031 72 | | |
| 89 | Equipment - Boarding Hall | 16 500 00 A | 2 494 55 | 4 254 20 | 9 751 25 R | 16 500 00 | 4 254 20 | | |
| 8259-18 | Acq. land with buildings & plans for building | 34 084 26 A | 1 500 00 | 2 244 70 | 30 339 56 R | 122 000 00 | 90 160 44 | | |
| 8260-12 | Lib., aud., adm., clsm. bldg. - renov. & acq. prop. | 445 037 33 A | 96 726 92 | 197 955 12 | 150 355 29 R | 2 500 000 00 | 2 252 917 79 | | |
| 8263-79 | Repairs and improvements | 797 00 A | - | 797 00 | - | 10 897 00 | 10 897 00 | | |
| 8264-94 | Repairs and improvements | 10 350 00 A | 1 947 00 | 6 118 00 | 2 285 00 | 8 065 00 | 6 118 00 | | |
| 95 | Equipment, Boarding Hall | 3 010 36 A | - | 2 991 05 | 19 31 | 7 280 69 | 7 280 69 | | |

State College - Salem

8063-08 Acquis. property & plans - dorm. & dining fac. 79 927 94 A 79 927 94 1 250 00 44 600 00 34 077 94 R 184 000 00 105 322 06
 8064-11 Addition to boiler plant 472 600 00 A 472 600 00 24 000 00 446 194 60 R 475 000 00 4 805 40
 12 Plans - Student-Union Bldg., cafeteria 75 000 00 A 75 000 00 26 059 61 23 726 02 25 214 37 R 75 000 00 26 059 61
 13 Plans for Men's Dormitory 75 000 00 A 75 000 00 25 918 70 39 409 80 9 671 50 R 75 000 00 25 918 70

8065-10 Constr. - Student-Union Bldg., cafeteria 1 769 000 00 1 769 000 00 R 1 769 000 00 1 769 000 00 -
 11 Acquisition of property 125 000 00 125 000 00 R 125 000 00 125 000 00 -
 8165-96 Repairs and improvements 20 000 00 A 20 000 00 6 946 97 5 740 00 7 313 03 R 20 000 00 6 946 97
 97 Repairs - exterior walls, Academic Building 10 000 00 A 10 000 00 900 00 900 00 9 100 00 R 10 000 00 -
 98 Equipment 13 000 00 A 13 000 00 3 616 76 543 24 8 840 00 R 13 000 00 3 616 76

8256-17 Library, aud., gymn., caf., & admin. building 965 87 A 965 87 270 48 965 87 1 149 175 61 1 148 209 74
 8258-01 Library, aud., gymn., caf., & admin. building 276 00 A 276 00 5 52 K 920 089 55 920 089 55
 8259-32 Cafeteria - Horace Mann Training School 425 00 A 425 00 425 00 22 196 44 21 771 44
 8260-77 Classroom Bldg. & additional boiler capacity 150 472 87 A 150 472 87 146 103 06 1 397 60 1 900 000 00 1 895 630 19
 8261-27 Clsrm. bldg. - TV sys., add. boiler cap. & land 423 760 26 A 423 760 26 189 778 86 52 964 80 500 000 00 266 018 60

8263-88 Improve elevator, Academic Building 14 786 94 A 14 786 94 14 163 69 469 21 29 845 96 29 376 75
 8364-03 Constr. receiving rm. & archives area in lib. 20 000 00 A 20 000 00 1 109 86 18 827 25 19 937 11 1 109 86
 04 Equipment 6 059 91 A 6 059 91 4 286 55 1 730 00 11 456 64 9 726 64
 05 Rep. & improv. to convert auditorium to clsrms. 26 000 00 A 26 000 00 19 557 47 6 311 73 25 869 20 19 557 47
 8463-75 Constr. garage, repair and workshop 3 965 90 A 3 965 90 2 798 41 1 167 49 30 000 00 28 832 51

State College - Westfield

8063-09 Constr. dorm. & improv. utilities & parking areas 722 546 81 A 722 546 81 382 566 46 59 076 33 280 904 02 R 910 000 00 570 019 65
 10 Renovation of training school 33 014 14 A 33 014 14 30 523 47 308 96 2 181 71 R 45 000 00 42 509 33
 8064-15 Acq. land & plans, Student-Union - Library Bldg. 125 000 00 A 125 000 00 114 921 54 262 46 9 816 00 R 125 000 00 114 921 54
 8065-12 Plans - Elementary Training School on campus 60 000 00 60 000 00 60 000 00 - 60 000 00 -
 13 Acq. prop. & plans, Student-Union Library Bldg. 50 000 00 50 000 00 16 400 00 33 600 00 50 000 00 16 400 00

8165-99 Repairs and improvements 4 500 00 A 4 500 00 4 500 00 4 500 00 4 500 00 -
 8259-34 Addition & improvements to boiler plant 426 00 A 426 00 426 00 K 36 917 49 36 917 49
 8260-17 Clsrm. bldg. - TV sys., kitchen & caf. facilities 5 097 53 A 5 097 53 495 00 9 202 53 32 085 78 R 1 080 000 00 1 038 711 69

8263-90 Repairs and improvements 226 60 A 226 60 226 60 10 10 2 993 00 2 993 00
 91 Equipment 10 10 A 10 10 10 10 4 095 95 4 085 85

8265-01 Equipment, Boarding Hall 15 500 00 A 15 500 00 4 555 18 9 95 15 500 00 4 555 18
 8364-06 Repairs and improvements 9 000 00 A 9 000 00 3 739 00 4 935 00 8 674 00 3 739 00
 07 Equipment 3 948 22 A 3 948 22 2 021 89 1 802 61 7 376 28 5 573 67

State College - Worcester

8065-14 Plans for library building 131 000 00 131 000 00 131 000 00 131 000 00 -
 8157-24 Constr. gym., lib., caf. & classroom building 518 70 A 518 70 518 70 1 679 376 07 1 679 376 07
 8258-03 Constr. gym., lib., caf. & classroom building 3 239 50 A 3 239 50 2 890 00 349 50 101 972 78 101 623 28
 8262-07 Clsrm., lab. bldg., aud., TV sys., imp. boiler plt. 1 902 964 60 A 1 902 964 60 1 261 874 39 220 749 55 2 854 000 00 2 212 909 79
 8263-92 Repairs and improvements 3 985 00 A 3 985 00 3 985 00 3 985 00 3 985 00 3 985 00
 93 Equipment 1 182 09 A 1 182 09 1 023 45 157 40 8 077 64 7 920 24

8265-02 Repairs and improvements 21 700 00 A 21 700 00 2 440 82 1 986 00 21 700 00 2 440 82
 03 Equipment 14 500 00 A 14 500 00 111 15 14 388 85 R 14 500 00 -
 8364-08 Repairs and improvements 10 000 00 A 10 000 00 86 00 9 849 50 9 935 50 86 00
 09 Equipment 10 797 00 A 10 797 00 8 150 61 2 388 98 10 942 59 8 553 61

Massachusetts College of Art

8258-30 Plans - library, classroom wing & workshop 11 561 72 A 11 561 72 11 561 72 K 3 438 28 3 438 28
 8259-37 Study - bldg. needs & preparation of plans 2 195 00 A 2 195 00 2 195 00 33 005 00 33 005 00
 8263-98 Equipment 122 19 A 122 19 122 19 2 996 37 2 996 37

8265-07 Repairs and improvements 6 500 00 A 6 500 00 4 619 50 1 330 05 6 500 00 4 619 50
 08 Equipment 7 000 00 A 7 000 00 6 915 74 81 00 7 000 00 6 915 74
 8364-12 Repairs and improvements 16 982 51 A 16 982 51 13 444 00 2 350 00 23 811 49 21 461 49
 13 Equipment 2 400 45 A 2 400 45 2 394 16 2 394 16 5 393 71 5 393 71

BOND FUNDS

STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1965

| | CURRENT FISCAL YEAR | | | | CUMULATIVE TOTALS | |
|--|--|------------------|--------------|--------------|--------------------------|-------------------|
| | Appropriations
& Other Credits | Total
Credits | Expenditures | | Unencumbered
Balances | Total
Payments |
| | | | Expenditures | Encumbrances | | |
| | | | | | | |
| DEPARTMENT OF EDUCATION | | | | | | |
| Lowell Technological Institute of Massachusetts | | | | | | |
| 8063-47 | Acq. prop. & plans - athletic & phys. ed. bldg. | \$ 13 370 60 A | \$ 13 370 60 | \$ 8 692 16 | \$ 4 233 44 R | \$ 260 000 00 |
| 56 | Plans - renov. & moving for classrm. space | 25 000 00 A | 25 000 00 | 18 500 00 | - | 25 000 00 |
| 8064-19 | Construction - physical education building | 2 120 000 00 A | 2 120 000 00 | 665 356 58 | 1 401 143 42 | 2 120 000 00 |
| 20 | Acq. land - physical education fields & improv. | 37 920 12 A | 37 920 12 | 18 751 00 | 5 000 00 R | 65 000 00 |
| 8065-16 | Acquisition of land | 145 000 00 | 145 000 00 | - | 92 300 00 R | 145 000 00 |
| 17 | Acquisition of property | 15 000 00 | 15 000 00 | - | 15 000 00 R | 15 000 00 |
| 18 | Plans - addition to Alumni Mem. Library Bldg. | 58 000 00 | 58 000 00 | 1 660 34 | 56 339 66 | 58 000 00 |
| 19 | Construction - athletic playing fields | 390 000 00 | 390 000 00 | - | 390 000 00 R | 390 000 00 |
| 20 | Constr. - maintenance, storage & garage bldg. | 210 000 00 | 210 000 00 | 65 798 88 | 121 001 12 | 210 000 00 |
| 21 | Plans - renov. & moving for classrm. space | 125 000 00 | 125 000 00 | - | 125 000 00 R | 125 000 00 |
| 22 | Construction - physical education building | 160 000 00 | 160 000 00 | - | 160 000 00 R | 160 000 00 |
| 8157-29 | Electronics - plastics engineering building | 4 908 35 A | 4 908 35 | 1 656 89 K | 3 251 46 | 2 202 496 47 |
| 8258-33 | Lighting units & fire protection improvements | 84 42 A | 84 42 | - | 84 42 | 11 000 00 |
| 8259-39 | Plans - Nuclear Engineering Center | 1 592 38 A | 1 592 38 | 1 354 97 | 237 41 | 100 000 00 |
| 40 | Acq. land & plans, garage & maint. building | 20 722 09 A | 20 722 09 | 3 356 19 | 4 300 49 | 30 000 00 |
| 42 | Fire protection improvements | 13 781 67 A | 13 781 67 | 8 009 06 | 5 772 61 | 30 000 00 |
| 8260-21 | Fire protection improvements | 177 963 75 A | 177 963 75 | - | 172 524 65 R | 200 000 00 |
| 22 | Purchase & install. - machinery & equipment | 104 04 A | 104 04 | - | - | 99 993 25 |
| 8261-22 | Constr. classrm. & lab. for Nuclear Engr. Ctr. | 1 164 465 84 A | 1 164 465 84 | 277 402 06 | 1 135 32 R | 1 600 000 00 |
| 35 | Plans - improv. power plt. & utility dist. sys. | 10 038 80 A | 10 038 80 | 5 960 40 | - | 12 500 00 |
| 8262-08 | Acq. & improv. land - physical education fields | 72 000 72 A | 72 000 72 | 5 797 37 | 48 205 40 R | 350 000 00 |
| 09 | Constr. classrm. & lab. for Nuclear Engr. Ctr. | 2 769 992 74 A | 2 769 992 74 | 34 984 39 | 2 671 576 46 R | 2 800 000 00 |
| 10 | Improv. power plant & utility dist. center | 200 000 00 A | 200 000 00 | 434 43 | 199 565 57 R | 200 000 00 |
| 8265-11 | Repairs and improvements | 66 000 00 A | 66 000 00 | 13 154 54 | 44 652 46 R | 66 000 00 |
| 12 | Maintenance and office equipment | 14 500 00 A | 14 500 00 | 5 393 93 | 1 037 77 R | 14 500 00 |
| 13 | Classroom and laboratory equipment | 100 000 00 A | 100 000 00 | 52 310 58 | 16 278 29 R | 100 000 00 |
| 14 | Sci., tech. & other educ. ref. material - lib. | 50 000 00 A | 50 000 00 | 36 197 08 | 191 65 R | 50 000 00 |
| 15 | Dormitory furniture | 25 000 00 A | 25 000 00 | 21 165 26 | 3 834 74 R | 25 000 00 |
| 8363-02 | Repairs and improvements | 596 92 A | 596 92 | 80 00 | 33 50 | 1 386 85 |
| 03 | Improv. parapet walls, reconstr. fire walls | 27 461 23 A | 27 461 23 | 9 540 63 | 17 920 60 | 12 079 40 |
| 04 | Improv. drainage system & parking areas | 5 984 32 A | 5 984 32 | 5 304 87 | 190 69 | 24 809 31 |
| 05 | Equipment | 469 08 A | 469 08 | 468 39 | 60 | 1 944 09 |
| 06 | Purchase of educational reference material | 1 703 33 A | 1 703 33 | 883 59 | 81 01 | 22 576 33 |
| 8364-17 | Repairs and improvements | 17 839 02 A | 17 839 02 | 16 862 99 | 217 96 | 34 782 04 |
| 18 | Equipment | 3 297 87 A | 3 297 87 | 1 073 07 | 666 60 | 5 333 40 |
| 19 | Classroom and laboratory equipment | 54 932 39 A | 54 932 39 | 54 258 75 | 163 69 | 98 836 31 |
| 20 | Dormitory furniture | 25 000 00 A | 25 000 00 | 24 518 11 | 133 49 | 24 866 51 |
| Southeastern Massachusetts Technological Institute | | | | | | |
| 8063-55 | Rep. admn. bldg., imp. lib., classrms. & lab. | 28 197 29 A | 28 197 29 | 23 155 06 | 4 875 69 R | 70 000 00 |
| 8064-21 | Constr. classrm. & adm. fac. & utility fac. | 5 699 319 17 A | 5 699 319 17 | 1 871 669 37 | 405 480 00 R | 6 000 000 00 |
| 8065-23 | Construction - science & engineering building | 5 366 000 00 | 5 366 000 00 | - | 5 366 000 00 R | 5 366 000 00 |
| 24 | Constr. - gen. lecture hall cluster & adm. group | 3 550 000 00 | 3 550 000 00 | 160 750 00 | 3 360 900 00 R | 3 550 000 00 |
| 25 | Construction - science lecture hall cluster | 534 000 00 | 534 000 00 | - | 534 000 00 R | 534 000 00 |
| 26 | Construction - textile technology building | 1 200 000 00 | 1 200 000 00 | - | 1 127 500 00 R | 1 200 000 00 |
| 27 | Plans for further development of institute | 300 000 00 | 300 000 00 | - | - | 300 000 00 |
| 8261-03 | Plans - classroom and other buildings | 1 200 613 22 A | 1 200 613 22 | 775 221 16 | 88 451 40 R | 1 500 000 00 |

Southeastern Massachusetts Technological Institute

| | | | | | | | | |
|-----------------------------|---|----------------|--------------|--------------|--------------|----------------|--------------|--------------|
| 8265-09 | Equipment | 1 000 00 A | 1 000 00 | 722 05 | 238 00 | 39 95 R | 1 000 00 | 722 05 |
| 10 | Equipment | 1 000 00 A | 1 000 00 | 995 72 | - | 4 28 R | 1 000 00 | 995 72 |
| 16 | Equipment | 5 000 00 A | 5 000 00 | 2 942 69 | 360 00 | 1 697 31 R | 5 000 00 | 2 942 69 |
| 8364-14 | Equipment | 21 656 93 A | 21 656 93 | 21 596 00 | 46 00 | 14 93 | 34 985 07 | 34 939 07 |
| 15 | Repairs and improvements | 14 990 21 A | 14 990 21 | 6 045 81 | 8 934 00 | 10 40 | 14 989 60 | 6 055 60 |
| 16 | Equipment | 3 589 14 A | 3 589 14 | 3 587 69 | - | 1 45 | 9 998 55 | 9 998 55 |
| 21 | Equipment | 32 04 A | 32 04 | 31 55 | - | 49 | 1 949 51 | 1 949 51 |
| 8463-76 | Renov. bldg. & purchase reference material | 9 780 65 A | 9 780 65 | 6 483 74 | 3 116 90 | 180 01 | 42 724 39 | 39 607 49 |
| University of Massachusetts | | | | | | | | |
| 8063-11 | Constr. eng. bldg. & ser. bldg. - experiment sta. | 1 867 052 38 A | 1 867 052 38 | 1 115 907 52 | 357 437 17 | 393 707 69 R | 2 200 000 00 | 1 448 855 14 |
| 12 | Improv. & plans - power plt. & utility dist. sys. | 440 678 72 A | 440 678 72 | 360 544 63 | 79 130 83 | 1 003 26 R | 500 000 00 | 419 865 91 |
| 13 | Plans for addition to Machmer Hall | 20 527 50 A | 20 527 50 | 11 577 50 | 8 550 00 | 400 00 R | 30 000 00 | 21 050 00 |
| 14 | Acq. - land - ralsiding & plans - cold storage fac. | 26 390 74 A | 26 390 74 | - | 14 390 74 | 12 000 00 R | 35 000 00 | 8 609 26 |
| 15 | Plans for administration building | 110 000 00 A | 110 000 00 | 30 972 73 | 69 627 27 | 9 400 00 R | 110 000 00 | 30 972 73 |
| 16 | Plans - classrm. & lab. - Arts & Science Coll. | 110 000 00 A | 110 000 00 | 1 040 49 | 32 059 51 | 76 900 00 R | 110 000 00 | 1 040 49 |
| 17 | Plans for poultry plant | 8 144 45 A | 8 144 45 | 6 490 00 | 454 45 | 1 200 00 R | 15 000 00 | 13 345 55 |
| 18 | Renovation of older classroom buildings | 69 462 82 A | 69 462 82 | 63 940 13 | 1 491 74 | 4 030 95 R | 100 000 00 | 94 477 31 |
| 19 | Acquisition of property | 3 750 00 A | 3 750 00 | - | - | 3 750 00 R | 300 500 00 | 296 750 00 |
| 8064-22 | Construction of administration building | 3 000 000 00 A | 3 000 000 00 | - | 18 300 00 | 2 981 700 00 R | 3 000 000 00 | - |
| 23 | Constr. add. - Machmer Hall, demol. structures | 1 040 000 00 A | 1 040 000 00 | - | 900 00 | 1 039 100 00 R | 1 040 000 00 | - |
| 24 | Constr. poultry plant laboratory buildings | 300 000 00 A | 300 000 00 | - | - | 300 000 00 R | 300 000 00 | - |
| 25 | Improv. & plans - power plt. & utility dist. sys. | 750 000 00 A | 750 000 00 | 87 926 26 | 187 024 06 | 475 049 68 R | 750 000 00 | 87 926 26 |
| 26 | Plans - agricultural lab. & farm service bldgs. | 65 000 00 A | 65 000 00 | - | 65 000 00 | - | 65 000 00 | - |
| 27 | Plans - central storage building | 60 000 00 A | 60 000 00 | 15 183 00 | 44 817 00 | - | 60 000 00 | 15 183 00 |
| 28 | Plans - classroom - laboratory & office bldg. | 100 000 00 A | 100 000 00 | 34 342 49 | 57 582 51 | 8 075 00 R | 100 000 00 | 34 342 49 |
| 29 | Plans - research fac., classrooms & lab. | 250 000 00 A | 250 000 00 | 249 705 95 | 100 00 | 194 05 R | 250 000 00 | 249 705 95 |
| 30 | Acquisition of land and development | 242 810 00 A | 242 810 00 | 173 210 00 | - | 69 600 00 R | 300 000 00 | 230 400 00 |
| 31 | Plans - theatre & aud. - classrm. & lab. bldg. | 150 000 00 A | 150 000 00 | 50 400 00 | 99 600 00 | - | 150 000 00 | 50 400 00 |
| 8065-28 | Plans - roads, sidewalks, prkg. areas & constr. | 1 000 000 00 | 1 000 000 00 | 17 224 76 | 97 707 17 | 885 068 07 R | 1 000 000 00 | 17 224 76 |
| 29 | Constr. bldg. - Coll. of Arts & Sciences & plans | 3 138 000 00 | 3 138 000 00 | - | - | 3 138 000 00 R | 3 138 000 00 | - |
| 30 | Plans - res. fac., clsrms. & lab. - Graduate Sch. | 272 000 00 | 272 000 00 | 1 967 88 | 32 12 | 270 000 00 R | 272 000 00 | 1 967 88 |
| 31 | Constr. storage bldg., renov. bldg. & develop. | 1 500 000 00 | 1 500 000 00 | 1 084 59 | 5 210 41 | 1 493 705 00 R | 1 500 000 00 | 1 084 59 |
| 32 | Constr. athletic fac., demolish structures, site development & utility services | 1 022 000 00 | 1 022 000 00 | 629 203 62 | 235 446 38 | 157 350 00 R | 1 022 000 00 | 629 203 62 |
| 33 | Renov. classrm. bldg. & plans - renov. add. bldg. | 730 000 00 | 730 000 00 | 7 906 92 | 25 093 08 | 697 000 00 R | 730 000 00 | 7 906 92 |
| 34 | Improv. power plt. & util. dist. sys. & survey | 1 667 000 00 | 1 667 000 00 | 63 637 95 | 1 177 762 05 | 425 600 00 R | 1 667 000 00 | 63 637 95 |
| 35 | Procur. & install. academic & operational equip., TV equipment & computer | 1 000 000 00 | 1 000 000 00 | 643 863 69 | 63 969 43 | 292 166 88 R | 1 000 000 00 | 643 863 69 |
| 8157-31 | Addition to library | 754 47 A | 754 47 | 586 00 | - | - | 1 935 159 59 | 1 935 159 59 |
| 33 | Plans for Science Building | 129 40 A | 129 40 | 168 47 K | - | 129 40 R | 93 000 00 | 92 870 60 |
| 8256-28 | Liberal arts classroom building | 153 40 A | 153 40 | - | - | - | 1 991 435 27 | 1 991 435 27 |
| 30 | Improv. & add. power plt. & utility system | 10 393 94 A | 10 393 94 | - | 6 000 00 | 4 393 94 R | 1 169 000 00 | 1 158 606 06 |
| 8258-35 | Improv. & add. power plt. & utility system | 2 728 00 A | 2 728 00 | - | 2 728 00 | - | 1 214 000 00 | 1 211 272 00 |
| 36 | Science Building | 108 84 A | 108 84 | - | - | 108 84 R | 2 238 700 00 | 2 238 591 16 |
| 39 | Plans for infirmary | 213 23 A | 213 23 | - | 213 23 | - | 60 000 00 | 59 786 77 |
| 8259-44 | Constr. school of ed. & lab. practice school | 34 593 35 A | 34 593 35 | - | 34 593 35 | - | 2 002 901 90 | 1 968 308 55 |
| 45 | Constr. 3rd. section of science center | 143 775 07 A | 421 669 07 | 14 008 77 | 72 087 41 | 335 572 89 R | 1 943 894 00 | 1 536 233 70 |
| 46 | Construction of infirmary | 12 171 84 A | 12 171 84 | 7 043 17 | 1 895 83 | - | 1 002 317 16 | 1 000 421 33 |
| 47 | Improv. & add. power plt. & utility system | 3 500 97 A | 3 500 97 | 3 232 84 K | - | 2 855 78 R | 2 339 000 00 | 2 336 144 22 |
| 48 | Constr. engineering & physics shop | 35 778 24 A | 35 778 24 | 15 780 86 | 6 990 85 | 13 006 53 R | 860 000 00 | 840 002 62 |
| 51 | Constr. cold storage laboratory | 59 607 20 A | 59 607 20 | 55 869 14 | 2 573 70 | - | 735 935 64 | 733 361 94 |
| 55 | Plans - addition to physics building | 36 500 00 A | 36 500 00 | 1 164 36 K | - | - | 235 209 77 | 235 209 77 |
| | | | | 35 209 77 | - | - | | |
| | | | | 1 290 23 K | - | - | | |

BOND FUNDS

STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1965

| | | CURRENT FISCAL YEAR | | | | CUMULATIVE TOTALS | |
|-----------------------------|--|-----------------------------------|------------------|--------------|--------------------------|------------------------|-------------------|
| | | Appropriations
& Other Credits | Total
Credits | Expenditures | Unencumbered
Balances | Total
Authorization | Total
Payments |
| | | | | | | | |
| DEPARTMENT OF EDUCATION | | | | | | | |
| University of Massachusetts | | | | | | | |
| 8259-57 | Plans - engineering & service building | \$ 2 303 77 A | \$ 2 303 77 | \$ - | \$ - | \$ 75 000 00 | \$ 75 000 00 |
| 8260-23 | Addition to dining commons | 1 300 00 A | 1 300 00 | - | - | 602 865 57 | 601 565 57 |
| 24 | Improv. & add. power plt. & utility systems | 12 388 21 A | 12 388 21 | 6 833 94 | 2 094 27 R | 450 000 00 | 444 445 73 |
| 26 | Plans - physical education building for men | 1 015 86 A | 1 015 86 | 467 42 | - | 138 000 00 | 137 451 56 |
| 8261-04 | Improv. & add. power plt. & utility systems | 137 410 08 A | 137 410 08 | 14 906 93 | 50 401 07 | 400 000 00 | 277 496 85 |
| 05 | Constr. laboratory & classroom building | 428 969 97 A | 428 969 97 | 16 554 13 | 7 351 62 | 1 539 935 78 | 1 532 584 16 |
| | | | | 405 064 22 D | | | |
| 06 | Construction of food technology building | 1 243 089 80 A | 1 243 089 80 | 957 355 08 | 184 276 67 | 1 600 000 00 | 1 314 265 28 |
| 08 | Construction - addition to physics building | 212 380 06 A | 212 380 06 | 201 368 79 | 9 802 29 | 2 098 791 02 | 2 088 988 73 |
| 09 | Constr. Science Center & Seismograph Bldg. | 1 685 456 18 A | 2 135 456 18 | 1 009 260 96 | 515 510 84 | 4 153 000 00 | 3 026 804 78 |
| | | 450 000 00 D | | | | | |
| 8262-11 | Improv. & add. power plt. & utility systems | 299 514 77 A | 299 514 77 | 65 981 65 | 24 721 16 | 500 000 00 | 266 466 88 |
| 12 | Acquisition of certain land | 61 084 01 A | 61 084 01 | 27 065 17 | 2 936 49 | 371 000 00 | 336 981 16 |
| 13 | Constr. classrm. & office bldg. - Sch. Bus. Adm. | 356 129 78 A | 401 473 78 | 287 727 59 | 105 368 78 | 2 044 344 00 | 1 930 597 81 |
| | | 45 344 00 D | | | | | |
| 14 | Constr. physical education building for men | 547 455 17 A | 547 455 17 | 181 876 27 | 56 521 28 | 3 600 000 00 | 3 234 421 10 |
| 8265-17 | Repairs and improvements | 278 000 00 A | 278 000 00 | 49 967 25 | 96 005 13 | 278 000 00 | 49 967 25 |
| 18 | Repairs, improvements, etc. - dormitories | 250 000 00 A | 250 000 00 | 9 399 64 | 66 963 09 | 250 000 00 | 9 399 64 |
| 19 | Administrative & maintenance equipment | 75 000 00 A | 75 000 00 | 51 425 16 | 17 533 00 | 75 000 00 | 51 425 16 |
| 20 | Classroom & laboratory equipment | 225 000 00 A | 225 000 00 | 171 542 98 | 42 333 20 | 225 000 00 | 171 542 98 |
| 21 | Sci., tech., educ. & ref. material for library | 200 000 00 A | 200 000 00 | 199 882 46 | 107 81 | 200 000 00 | 199 882 46 |
| 8363-07 | Repairs and improvements | 14 722 00 A | 14 722 00 | - | - | 49 508 05 | 49 508 05 |
| 08 | Improvements to roads and sidewalks | 61 598 58 A | 61 598 58 | - | - | 99 643 35 | 99 643 35 |
| 10 | Administrative & maintenance equipment | 6 00 A | 6 00 | - | - | 59 960 22 | 59 960 22 |
| 11 | Equipment, classroom and laboratory | 1 176 00 A | 1 176 00 | 1 125 00 | - | 149 890 96 | 149 890 96 |
| 8364-22 | Repairs and improvements | 74 336 74 A | 74 336 74 | 42 567 23 | 31 756 55 | 74 487 04 | 42 730 49 |
| 23 | Administrative & maintenance equipment | 7 450 59 A | 7 450 59 | 7 449 30 | - | 59 998 71 | 59 998 71 |
| 24 | Classroom and laboratory equipment | 71 092 84 A | 71 092 84 | 70 858 77 | 221 80 | 189 987 73 | 189 765 93 |
| 25 | Sci., tech., educ. & ref. material for library | 1 047 94 A | 1 047 94 | 1 043 94 | - | 99 996 00 | 99 996 00 |
| 26 | Renovation of older classrooms | 250 000 00 A | 250 000 00 | - | - | 250 000 00 | - |
| 27 | Repairs and improvements to dormitories | 152 677 09 A | 152 677 09 | 91 953 16 | 58 764 81 | 298 040 88 | 239 276 07 |
| 28 | Acq. & constr. - coal equip. & storage facilities | 350 000 00 A | 350 000 00 | 49 253 26 | 269 890 33 | 319 143 59 | 49 253 26 |
| Regional Community Colleges | | | | | | | |
| 8063-20 | Establishment of colleges in Boston, Greenfield, Springfield & Worcester areas | 95 538 36 A | 95 538 36 | 90 342 56 | 2 877 72 | 150 000 00 | 144 804 20 |
| 8064-32 | Establishment of colleges in Boston, Greenfield, Springfield & Worcester areas | 150 000 00 A | 150 000 00 | 50 710 86 | 44 705 96 | 150 000 00 | 50 710 86 |
| 33 | Est. comm. college - No. Central Worcester Co. | 337 479 14 A | 481 539 14 | 421 782 00 | 58 659 13 | 494 060 00 | 434 302 86 |
| | | 144 060 00 D | | | | | |
| 34 | Study - location for Mass. Bay Comm. College | 6 217 31 A | 6 217 31 | - | 617 31 | 30 600 00 | 24 382 69 |
| 35 | Acquisition of land & preparation of plans | 297 500 00 A | 297 500 00 | 4 900 00 | 90 000 00 | 300 000 00 | 7 400 00 |
| 8065-36 | Acquisition of property - develop. Mass. Bay Comm. Coll. & renovation of buildings | 1 000 000 00 | 1 000 000 00 | - | - | 1 000 000 00 | - |
| 37 | Plans - relocate Northern Essex Comm. Coll. | 228 000 00 | 228 000 00 | - | 166 500 00 | 228 000 00 | - |
| 38 | Acquisition of property & plans for relocation, Cape Cod Community College | 100 000 00 | 100 000 00 | 5 440 00 | 56 360 00 | 100 000 00 | 5 440 00 |

| | | | | | | | | | |
|-------------------------------------|--|--------------|------------|------------|------------|--------------|--------------|--------------|--|
| Regional Community Colleges | | | | | | | | | |
| 8065-39 | Renov. bldg., provide fac., Holyoke Comm. Coll. | 400 000 00 | 400 000 00 | 39 57 | 29 167 00 | 370 793 43 R | 400 000 00 | 39 57 | |
| 40 | Establish. Community College - North Shore | 400 000 00 | 400 000 00 | 24 957 77 | 284 059 09 | 90 983 14 R | 400 000 00 | 24 957 77 | |
| 41 | Devel. sys. & plans for coll. - Southeastern Mass. | 100 000 00 | 100 000 00 | 4 147 75 | 10 967 83 | 84 884 42 R | 100 000 00 | 4 147 75 | |
| 8259-59 | Establishment of a system | 9 983 54 A | 9 983 54 | - | 6 278 65 | 3 704 89 R | 1 018 824 00 | 1 008 840 46 | |
| 8261-36 | Establishment of a system | 24 447 13 A | 24 447 13 | - | - | 24 447 13 R | 300 000 00 | 275 552 87 | |
| 8262-15 | Establishment of a system | 421 743 63 A | 421 743 63 | 365 104 12 | 49 368 22 | 7 271 29 R | 791 680 00 | 735 040 49 | |
| 8363-13 | Establishment of a system | 5 938 30 A | 5 938 30 | 2 768 29 | 472 70 | 2 697 31 R | 255 000 00 | 251 829 99 | |
| 8364-29 | Equipment | 739 46 A | 739 46 | 304 60 | 434 00 | 86 | 2 999 14 | 2 565 14 | |
| Office of the Board | | | | | | | | | |
| 8265-22 | Equipment | 1 200 00 A | 1 200 00 | 697 50 | - | 502 50 R | 1 200 00 | 697 50 | |
| 23 | Sci., tech. & other educ. reference material | 75 000 00 A | 75 000 00 | 54 078 23 | 11 762 34 | 9 159 43 R | 75 000 00 | 54 078 23 | |
| Berkshire Community College | | | | | | | | | |
| 8265-27 | Equipment | 7 500 00 A | 7 500 00 | 4 899 64 | 2 267 20 | 333 16 R | 7 500 00 | 4 899 64 | |
| 8364-34 | Equipment | 31 09 A | 31 09 | - | 31 04 | 05 | 3 999 95 | 3 968 91 | |
| Cape Cod Community College | | | | | | | | | |
| 8064-55 | Preliminary plans for relocation | 40 000 00 A | 40 000 00 | 23 664 99 | 16 315 64 | 19 37 R | 40 000 00 | 23 664 99 | |
| 8265-26 | Equipment | 7 500 00 A | 7 500 00 | 2 782 43 | 3 551 20 | 1 166 37 R | 7 500 00 | 2 782 43 | |
| 8364-32 | Equipment | 1 643 94 A | 1 643 94 | 1 388 51 | 255 00 | 43 | 4 999 57 | 4 744 57 | |
| 33 | Sci., tech. & educ. ref. material - library | 8 093 14 A | 8 093 14 | 7 232 43 | 826 51 | 34 20 | 9 965 80 | 9 139 29 | |
| 8463-77 | Furnishings, equipment & educ. supplies | 63 67 A | 63 67 | 60 62 | - | 3 05 | 14 996 45 | 14 996 45 | |
| Greenfield Community College | | | | | | | | | |
| 8265-29 | Equipment | 3 500 00 A | 3 500 00 | 3 467 60 | - | 32 40 R | 3 500 00 | 3 467 60 | |
| 8364-35 | Equipment | 3 805 00 A | 3 805 00 | 3 670 80 | 125 60 | 8 60 | 3 991 40 | 3 865 80 | |
| Massachusetts Bay Community College | | | | | | | | | |
| 8265-24 | Equipment | 8 460 00 A | 8 460 00 | 2 743 72 | 2 791 01 | 2 925 27 R | 8 460 00 | 2 743 72 | |
| 8364-30 | Equipment | 2 871 48 A | 2 871 48 | 2 202 48 | 666 62 | 2 38 | 9 997 62 | 9 331 00 | |
| Northern Essex Community College | | | | | | | | | |
| 8265-25 | Equipment | 7 500 00 A | 7 500 00 | 5 912 50 | 165 83 | 1 421 67 R | 7 500 00 | 5 912 50 | |
| 8364-31 | Equipment | 14 840 24 A | 14 840 24 | 13 229 71 | 1 606 15 | 4 38 | 19 995 62 | 18 389 47 | |
| 8265-28 | Quinsigamond Community College - equipment | 10 930 00 A | 10 930 00 | 1 259 69 | 8 285 95 | 1 384 36 R | 10 930 00 | 1 259 69 | |
| Division of Youth Service | | | | | | | | | |
| 8259-60 | Fire protection improvements | 112 12 A | 112 12 | 112 12 | - | - | 50 000 00 | 50 000 00 | |
| 8260-28 | Fire protection improvements | 41 697 45 A | 41 697 45 | 17 725 86 | 1 264 18 | 22 707 41 R | 1 093 162 00 | 1 069 190 41 | |
| Administration | | | | | | | | | |
| 8265-30 | Equipment | 1 500 00 A | 1 500 00 | 838 95 | 661 00 | 05 R | 1 500 00 | 838 95 | |
| 8364-36 | Equipment | 1 366 20 A | 1 366 20 | 1 328 91 | - | 37 29 | 6 662 71 | 6 662 71 | |
| Industrial School for Boys | | | | | | | | | |
| 8063-21 | Improv. sewerage distribution system | 75 000 00 A | 75 000 00 | - | 4 400 00 | 70 600 00 R | 75 000 00 | - | |
| 70 | Constr. staff house & central cafeteria | 790 452 77 A | 790 452 77 | 525 503 20 | 226 335 98 | 38 613 59 R | 831 900 00 | 566 950 43 | |
| 8065-42 | Plans - security bldg., inc. fac. & adm. offices | 125 000 00 | 125 000 00 | - | 120 000 00 | 5 000 00 R | 125 000 00 | - | |
| 43 | Plumbing repairs and improvements | 200 000 00 | 200 000 00 | 5 04 | 14 380 00 | 185 614 96 R | 200 000 00 | 5 04 | |
| 8157-37 | Power plant improvements | 56 08 A | 56 08 | 21 42 | - | 34 66 R | 161 300 00 | 161 265 34 | |
| 8258-07 | Addition to administration building | 1 202 07 A | 1 202 07 | 965 70 | 189 40 | - | 127 108 92 | 126 919 52 | |
| 8259-61 | Plans - improv. utility dist. sys. & power plt. | 3 774 71 A | 3 774 71 | - | 3 774 71 | - | 20 000 00 | 16 225 29 | |
| 8260-69 | Improv. power plt. & utility dist. systems | 216 966 94 A | 216 966 94 | 174 825 92 | 42 141 02 | - | 325 000 00 | 282 858 98 | |
| 8265-31 | Repairs and improvements | 29 100 00 A | 29 100 00 | 272 75 | 26 040 00 | 2 787 25 R | 29 100 00 | 272 75 | |
| 32 | Equipment | 10 000 00 A | 10 000 00 | 4 390 40 | 4 895 60 | 714 00 R | 10 000 00 | 4 390 40 | |
| 8363-16 | Plumbing repairs | 48 630 80 A | 48 630 80 | 26 719 96 | 21 699 28 | 211 56 R | 50 000 00 | 28 089 16 | |
| 8364-37 | Equipment | 215 18 A | 215 18 | - | 209 00 | 6 18 | 3 993 82 | 3 784 82 | |

STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1965

| CUMULATIVE TOTALS | | | | | | | | | |
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BOND FUNDS

STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1965

| | CURRENT FISCAL YEAR | | | | CUMULATIVE TOTALS | |
|---------------------------------------|-----------------------------------|------------------|-----------------------|--------------|--------------------------|------------|
| | Appropriations
& Other Credits | Total
Credits | Expenditures | Encumbrances | Unencumbered
Balances | |
| Division of Youth Service | | | | | | |
| Youth Forestry Camp | | | | | | |
| 8259-63 Improvements | 12 844 86 A | 12 844 86 | 12 687 36
157 50 K | - | - | 114 144 19 |
| 8265-48 Repairs and improvements | 2 000 00 A | 2 000 00 | - | 1 801 75 | 198 25 R | - |
| 49 Equipment | 5 300 00 A | 5 300 00 | 2 800 89 | 2 003 00 | 496 11 R | 2 800 89 |
| 8364-53 Repairs and improvements | 4 251 23 A | 4 251 23 | 3 328 46 | 884 60 | 38 17 | 4 077 23 |
| 54 Equipment | 338 28 A | 338 28 | 219 15 | 112 95 | 6 18 | 3 930 87 |
| School Building Assistance Commission | | | | | | |
| 8265-50 Equipment | 2 005 00 A | 2 005 00 | 1 251 15 | - | 753 85 R | 1 251 15 |
| 8363-25 Equipment | 394 75 A | 394 75 | 394 16 | - | 59 | 579 01 |
| 8364-55 Equipment | 390 00 A | 390 00 | 390 00 | - | - | 1 620 00 |

STATEMENT
TRUST FUNDS

EXPENDABLE PRINCIPAL AND

| TRUST FUND ACCOUNT | Balance
July 1,
1964 | Receipts | Payments | Balance
Total |
|--|----------------------------|--------------|--------------|------------------|
| Education: | | | | |
| Massachusetts College of Art: | | | | |
| Mercy A. Bailey | \$ 199 36 | \$ 138 16 | \$ 100 00 | \$ 237 52 |
| Robert Charles Billings | 194 49 | 59 38 | 100 00 | 153 87 |
| Annie E. Blake Scholarship | 445 80 | 300 00 | 275 00 | 470 80 |
| Annie L. Cox Scholarship | 255 58 | 100 00 | 100 00 | 255 58 |
| Marguerite Guilfoyle | 1 067 04 | 40 00 | - | 1 107 04 |
| Rebecca R. Joslin Scholarship | 2 864 31 | 267 48 a | - | 3 131 79 |
| Albert H. Munsell | 991 77 | 262 59 | 500 00 | 754 36 |
| State Colleges: | | | | |
| Bridgewater: | | | | |
| Alice Smithick Mills | - | 27 93 | - | 27 93 |
| Elizabeth Case Stevens | 666 91 | 550 00 | 205 36 | 1 011 55 |
| Framingham: | | | | |
| Robert Charles Billings | 883 58 | 42 26 | - | 925 84 |
| Helen M. Joyce Student Aid | 3 526 61 | 110 97 | - | 3 637 58 |
| Marion Louise Miller | 359 16 | 6 00 | - | 365 16 |
| Student Aid | 361 30 | 15 00 | - | 376 30 |
| Salem: | | | | |
| Susan Marvin Barker Scholarship | 111 32 | 128 48 | 100 00 | 139 80 |
| Walter Parker Beckwith Scholarship | 381 69 | 162 50 | - | 544 19 |
| Ella Franklin Carr Memorial | 1 167 82 | 30 00 | 100 00 | 1 097 82 |
| Louise O. Twombly Scholarship | 36 86 | 3 00 | - | 39 86 |
| National Science Foundation Grt. - sec. sch. | 2 763 53 | 9 200 00 | 9 697 41 | 2 266 12 |
| Harriet L. Martin Scholarship | 155 15 | 100 00 | - | 255 15 |
| Westfield: | | | | |
| Julia S. Noble Rockwood Scholarship | 416 89 | 200 00 | - | 616 89 |
| Worcester: | | | | |
| Ella M. Whitney Scholarship | 2 70 | 15 00 | 15 00 | 2 70 |
| Lowell Technological Institute: | | | | |
| Research Foundation | 68 671 85 | 1 112 724 06 | 1 128 813 82 | 52 582 09 |

TRUST FUNDS

| TRUST FUND ACCOUNT | EXPENDABLE PRINCIPAL AND | | | |
|---|--------------------------|-----------------|-----------------|---------------|
| | Balance | Receipts | Payments | Balance |
| | July 1,
1964 | | | Total |
| Education: | | | | |
| Division of the Blind: | | | | |
| Educational Purposes | \$ 39 843 41 | \$ 8 395 91 | \$ 1 989 81 | \$ 46 249 51 |
| Jean M. LeBrun | 2 443 73 | 55 20 | - | 2 498 93 |
| Michael R. McCarthy | 25 154 85 | 46 081 14 | - | 71 235 99 |
| Lena M. Robinson | 6 581 17 | 240 00 | - | 6 821 17 |
| Division of Library Extension: | | | | |
| Elizabeth P. Sohler | 4 775 08 | 120 00 | 25 00 | 4 870 08 |
| Other Educational: | | | | |
| Mary A. Case | 30 00 | 1 200 00 | 1 094 00 | 136 00 |
| Regional Community Colleges | 843 98 | - | 341 07 | 502 91 |
| Gustavus A. Hinckley | 435 44 | 150 40 | - | 585 84 |
| Massachusetts School Fund # | 27 203 86 | 164 586 84 | 159 545 68 | 32 245 02 |
| Millicent Library | 8 34 | 3 500 00 | 3 500 00 | 8 34 |
| School Lunch Distribution and Salvage | 88 003 41 | 380 546 47 | 347 362 76 | 121 187 12 |
| Elizabeth R. Stevens | - | 764 92 | 764 92 | - |
| Frank S. Stevens | 76 66 | 990 15 | 1 066 81 | - |
| Surplus Property Board | 83 441 37 | 208 643 28 | 204 933 22 | 87 151 43 |
| Technical Education - Comm. Endowment | - | 5 007 60 | 5 007 60 | - |
| Technical Education - U. S. Endowment | - | 10 950 00 | 10 950 00 | - |
| Todd Teachers' College | 8 241 51 | 772 09 | 318 06 | 8 695 54 |
| Division of Youth Service: | | | | |
| Industrial School for Girls: | | | | |
| Fay | 906 38 | 30 82 | - | 937 20 |
| Lamb | 1 275 06 | 31 87 | 100 00 | 1 206 93 |
| Rogers Book | 208 14 | 27 60 | - | 235 74 |
| School Lunch Program | 1 680 93 | 2 464 58 | 2 010 75 | 2 134 76 |
| Industrial School for Boys: | | | | |
| School Lunch Program | 6 304 47 | 7 152 86 | 6 447 41 | 7 009 92 |
| Institute of Juvenile Guidance: | | | | |
| School Lunch Program | 1 731 21 | 1 851 06 | 1 977 18 | 1 605 09 |
| Lyman School for Boys: | | | | |
| Lamb | 1 957 31 | 49 00 | - | 2 006 31 |
| Lyman | 74 407 20 | 2 530 55 | - | 76 937 75 |
| Lyman Trust | 3 025 34 | 1 492 50 | 30 00 | 4 487 84 |
| School Lunch Program | 12 737 37 | 5 661 58 | 11 534 71 | 6 864 24 |
| Reception and Detention Facilities for Boys: | | | | |
| School Lunch Program | 1 222 70 | 2 970 56 | 1 385 05 | 2 808 21 |
| Reception and Detention Facilities for Girls: | | | | |
| School Lunch Program | 851 49 | 908 54 | - | 1 760 03 |
| Residential Treatment Center - Oakdale: | | | | |
| John Augustus | 131 50 | - | - | 131 50 |
| School Lunch Program | 3 325 88 | 1 710 10 | 3 418 16 | 1 617 82 |
| Stephen L. French Forestry Camp: | | | | |
| School Lunch Program | 880 46 | 388 32 | 290 34 | 978 44 |
| Female Wards | 2 088 62 | 619 78 | 311 90 | 2 396 50 |
| Male Wards | 1 111 74 | 1 086 14 | 1 205 00 | 992 88 |
| Sub-total, Education Trust | \$ 486 452 33 | \$ 1 985 462 67 | \$ 1 905 616 02 | \$ 566 298 98 |

XXX

(Schedule No. 1)

| INCOME | | NON - EXPENDABLE PRINCIPAL | | | | | |
|---------------|-------------|----------------------------|-----------|-----------|-----------------------|--------|-------------|
| June 30, 1965 | | Balance
July 1,
1964 | Deposited | Withdrawn | Balance June 30, 1965 | | |
| Cash | Investments | | | | Total | Cash | Investments |
| \$ 237 52 | \$ - | \$ 1 598 93 | \$ - | \$ - | \$ 1 598 93 | \$ - | \$ 1 598 93 |
| 153 87 | - | 1 500 00 | - | - | 1 500 00 | - | 1 500 00 |
| 470 80 | - | 10 000 00 | - | - | 10 000 00 | - | 10 000 00 |
| 255 58 | - | 2 500 00 | - | - | 2 500 00 | - | 2 500 00 |
| 107 04 | 1 000 00 | - | - | - | - | - | - |
| 507 79 | 2 624 00 | 4 209 46 | - | - | 4 209 46 | 877 66 | 3 331 80 |
| 754 36 | - | 9 217 61 | - | - | 9 217 61 | - | 9 217 61 |
| 27 93 | - | 1 000 00 | - | - | 1 000 00 | - | 1 000 00 |
| 1 011 55 | - | 15 000 00 | - | - | 15 000 00 | - | 15 000 00 |
| 925 84 | - | 1 500 00 | - | - | 1 500 00 | - | 1 500 00 |
| 337 58 | 3 300 00 | - | - | - | - | - | - |
| 165 16 | 200 00 | - | - | - | - | - | - |
| 376 30 | - | 500 00 | - | - | 500 00 | - | 500 00 |
| 139 80 | - | 4 053 54 | - | - | 4 053 54 | - | 4 053 54 |
| 544 19 | - | 5 000 00 | - | - | 5 000 00 | - | 5 000 00 |
| 97 82 | 1 000 00 | - | - | - | - | - | - |
| 39 86 | - | 100 00 | - | - | 100 00 | - | 100 00 |
| 2 266 12 | - | - | - | - | - | - | - |
| 255 15 | - | 2 500 00 | - | - | 2 500 00 | - | 2 500 00 |
| 616 89 | - | 5 000 00 | - | - | 5 000 00 | - | 5 000 00 |
| 2 70 | - | 500 00 | - | - | 500 00 | - | 500 00 |
| 52 582 09 | - | - | - | - | - | - | - |

(Schedule No. 1)

| INCOME | | NON - EXPENDABLE PRINCIPAL | | | | | |
|---------------|---------------|----------------------------|-----------|-----------|--------------------------------|-------------|-----------------|
| June 30, 1965 | | Balance
July 1,
1964 | Deposited | Withdrawn | Balance June 30, 1965
Total | Cash | Investments |
| Cash | Investments | | | | | | |
| \$ 2 749 51 | \$ 43 500 00 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| 498 93 | 2 000 00 | - | - | - | - | - | - |
| 45 235 99 | 26 000 00 | - | - | - | - | - | - |
| 821 17 | 6 000 00 | - | - | - | - | - | - |
| 870 08 | 4 000 00 | - | - | - | - | - | - |
| 136 00 | - | 30 000 00 | - | - | 30 000 00 | - | 30 000 00 |
| 502 91 | - | - | - | - | - | - | - |
| 585 84 | - | 5 000 00 | - | - | 5 000 00 | - | 5 000 00 |
| 32 245 02 | - | 5 000 000 00 | - | - | 5 000 000 00 | 4 716 70 | 4 995 283 30 |
| 8 34 | - | 100 000 00 | - | - | 100 000 00 | - | 100 000 00 |
| 121 187 12 | - | - | - | - | - | - | - |
| - | - | 24 873 15 | - | - | 24 873 15 | - | 24 873 15 |
| - | - | 25 000 00 | - | - | 25 000 00 | - | 25 000 00 |
| 87 151 43 | - | - | - | - | - | - | - |
| - | - | 142 000 00 | - | - | 142 000 00 | - | 142 000 00 |
| - | - | 219 000 00 | - | - | 219 000 00 | - | 219 000 00 |
| 695 54 | 8 000 00 | 12 100 00 | - | - | 12 100 00 | 226 36 | 11 873 64 |
| 937 20 | - | 1 000 00 | - | - | 1 000 00 | - | 1 000 00 |
| 206 93 | 1 000 00 | - | - | - | - | - | - |
| 235 74 | - | 1 000 00 | - | - | 1 000 00 | - | 1 000 00 |
| 2 134 76 | - | - | - | - | - | - | - |
| 7 009 92 | - | - | - | - | - | - | - |
| 1 605 09 | - | - | - | - | - | - | - |
| 856 31 | 1 150 00 | - | - | - | - | - | - |
| 1 722 35 | 75 215 40 | - | - | - | - | - | - |
| 4 487 84 | - | 27 000 00 | - | - | 27 000 00 | - | 27 000 00 |
| 6 864 24 | - | - | - | - | - | - | - |
| 2 808 21 | - | - | - | - | - | - | - |
| 1 760 03 | - | - | - | - | - | - | - |
| 131 50 | - | - | - | - | - | - | - |
| 1 617 82 | - | - | - | - | - | - | - |
| 978 44 | - | - | - | - | - | - | - |
| 2 396 50 | - | 13 201 72 | - | - | 13 201 72 | 202 72 | 12 999 00 |
| 992 88 | - | 13 240 95 | 150 69 | - | 13 391 64 | 1 002 75 | 12 388 89 |
| \$ 391 309 58 | \$ 174 989 40 | \$ 5 677 595 36 | \$ 150 69 | \$ - | \$ 5 677 746 05 | \$ 7 026 19 | \$ 5 670 719 86 |

DETAILED TRANSACTIONS OF OTHER TRUST FUNDS

INCOME OF MASSACHUSETTS SCHOOL FUND (Code 6254) #
(G. L. (Ter. Ed.) c. 7, s. 35)

RECEIPTS

| | | |
|----------------------------|----|-------------------|
| Cash Balance, July 1, 1964 | \$ | 27 203 86 |
| Revenue Received: | | |
| Investment earnings | | 164 586 84 |
| | \$ | <u>191 790 70</u> |

PAYMENTS

| | | | |
|--|----|-------------------|-------------------|
| Expenditures: | | | |
| Postage | \$ | 3 65 | |
| Accrued interest | | 3 121 70 | |
| Transfer to Income Tax Fund (for cities and towns) | | <u>156 420 33</u> | \$ 159 545 68 |
| Cash Balance, June 30, 1965 | | | <u>32 245 02</u> |
| Fund Balance, June 30, 1965 | \$ | | <u>191 790 70</u> |

AGENCY FUNDS

EDUCATIONAL TELEVISION PROGRAM FUND (Code 6981)
(G. L. (Ter. Ed.) c. 71, s. 13F)

RECEIPTS

| | | |
|-----------------------|----|-------------------|
| From cities and towns | \$ | 227 842 64 |
| Balance, July 1, 1964 | | <u>89 767 96</u> |
| | \$ | <u>317 610 60</u> |

PAYMENTS

| | | |
|------------------------|----|-------------------|
| Expenses | \$ | 176 088 81 |
| Balance, June 30, 1965 | | <u>141 521 79</u> |
| | \$ | <u>317 610 60</u> |

STATEMENT XIV

SUMMARY OF STATE AID TO CITIES AND TOWNS

1963 - 1965

STATE FUNDS

| Fiscal
Year | Total | Public Welfare
and Health | Education | Highway | Veterans'
Services | Other |
|----------------|------------------|------------------------------|------------------|------------------|-----------------------|-----------------|
| 1965 | \$273 423 865 59 | \$168 403 998 82 | \$ 79 849 054 48 | \$ 12 658 998 84 | \$ 9 750 704 13 | \$ 2 761 109 32 |
| 1964 | 253 897 964 26 | 153 194 703 62 | 69 181 764 48 | 18 588 634 14 | 10 531 890 59 | 2 400 971 43 |
| 1963 | 234 573 639 42 | 148 475 728 88 | 60 441 038 56 | 14 433 063 34 | 9 216 739 87 | 2 007 068 77 |

TABLE NO. 1 - Roster of State-aided Vocational
and Part-time Schools

School Year Ending June 30, 1965.

Four hundred twenty-nine (429) schools in operation during the year (or now) in one hundred fifty-six (156) cities, towns, counties, and regions listed alphabetically by types of schools, with date of establishment and name of Director.

Group I 1a - Fifty-five Industrial Schools (boys)

Appenequet Regional Vocational High (Lakeville) - Sept. 1959; Lloyd E. Taber
 Arlington Technical and Vocational High - Sept. 1946; Edmund J. Lewis
 Attleboro Trade High - Nov. 1934; Henry A. Miller
 Avon Vocational - Sept. 1956; Charles H. Francis
 Barnstable Vocational High (Hyannis) - Nov. 1938; Victor E. Mazzarella
 Belmont Vocational High - Sept. 1943; Leslie W. Crowson
 Beverly - Claude H. Patten Trade High - Nov. 1926; Robert A. Watson, Acting
 Boston Trade High - Feb. 1912; Edward Terrenzi
 Brockton Trade High - March 1934; Ralph G. Bumpus
 Chicopee Vocational High - Sept. 1921; Henry J. Rege
 Dartmouth Vocational - Sept. 1947; Antone Bettencourt
 Dighton-Rehoboth Regional Vocational (North Dighton) - Aug. 1960; Charles F. Day
 Everett Vocational High - Sept. 1927; John W. Bates
 Fall River - Diman Vocational High - May 1916; John P. Harrington
 Fitchburg Vocational High - July 1936; Franklin M. Angevine
 Framingham Vocational High - Sept. 1946; Joseph P. Keefe
 Gloucester Vocational - Sept. 1940; Harold B. Geary, Sr.
 Greenfield Vocational - June 1936; Ralph E. Packard
 Haverhill Trade - Nov. 1926; Thomas F. Garvey
 Holyoke Trade High - Sept. 1914; William J. Dean
 King Philip Regional Vocational High (Wrentham) - Oct. 1957; Preston I. Titus
 Leominster Trade High - Sept. 1934; Emile S. Johnson
 Lowell Trade High - Sept. 1911; Charles P. Conlon
 Lynn Independent Industrial Shoemaking - Aug. 1918; Stephen R. Callahan
 Lynn Trade High - Sept. 1945; Michael C. O'Donnell
 Malden Vocational High - Sept. 1941; Thomas Lafionatis
 Marlboro Vocational - Sept. 1941; Joseph D. Brucchi
 Medford - Melvin V. Weldon Vocational High - Nov. 1930; Walter D. Reid
 Nantucket Vocational - Sept. 1941; James P. Kelley
 New Bedford Vocational High - Nov. 1908; Z. Walter Janiak
 New Salem Vocational High - Sept. 1958; Paul R. Wilbur
 Newton Technical High - Feb. 1909; Orrin M. Brawn
 North Adams - Charles H. McCann Vocational Technical High - Sept. 1962;
 James R. Westall
 Northampton's Vocational - Oct. 1908; B. Stanley Dowgert
 Northbridge Vocational (Whitinsville) - March 1934; James S. Mullaney
 Peabody Vocational High - Sept. 1944; Kenneth H. Briggs
 Pittsfield Vocational - April 1934; William L. Dehey
 Provincetown Vocational - Sept. 1949; Arthur P. Malchman
 Quincy Trade - Sept. 1912; Maurice J. Daly
 Randolph Vocational High - Aug. 1955; Thomas L. Warren
 Salem Vocational High - Sept. 1934; John M. Conway

THE UNIVERSITY OF CHICAGO
LIBRARY

THE UNIVERSITY OF CHICAGO
LIBRARY

THE UNIVERSITY OF CHICAGO
LIBRARY

THE UNIVERSITY OF CHICAGO
LIBRARY

THE UNIVERSITY OF CHICAGO
LIBRARY

Group I 1a - Fifty-five Industrial Schools (Boys) (continued)

Silver Lake Regional Vocational High (Kingston) - Aug. 1955; Ralph H. Binns
 Somerville Trade High - Sept. 1910; Walter E. Struble
 Southbridge - Cole Trade High - March 1932; Raymond L. W. Benoit
 South Shore Vocational Technical High (Hanover) - Sept. 1962; Frederick J. Teed
 Springfield Trade High - Sept. 1911; Edmond P. Garvey
 Swansea Trade - Sept. 1952; Donald P. McCaffrey
 Tantasqua Regional Vocational (Sturbridge) - Sept. 1964; Henry A. Pappas
 Taunton Vocational - Sept. 1934; Patrick H. Lyons
 Waltham Vocational High - Sept. 1928; Lloyd F. VanArsdale
 Wareham Vocational High - Sept. 1953; John J. Rolfe
 Webster - Bartlett Vocational High - Aug. 1947; Frank E. Wylde
 Westfield Trade High - Sept. 1911; Michael Gonzalez
 Weymouth Vocational Technical High - Feb. 1924; Ray G. Parker
 Worcester Boys' Trade High - Feb. 1910; Walter B. Dennen

Group I 1a¹ - Six Trade Preparatory Schools for Boys and Men

Fitchburg - Oct. 1961; Franklin M. Angevine
 Leominster - Dec. 1960; Emile S. Johnson
 Lynn - Oct. 1960; James P. Barry
 North Adams - Charles H. McCann - Oct. 1963; James R. Westall
 Pittsfield - Oct. 1964; William L. Dehey
 Waltham - Jan. 1961; Lloyd F. VanArsdale
 Westfield - Oct. 1962; Michael Gonzalez

Group I 1b - Six Day Industrial Schools (Girls)

Boston Trade High for Girls - Sept. 1909; Helen M. Moran
 Essex County Independent Trade and Industrial Trade for Girls (Hathorne) -
 Oct. 1957; James F. Gallant
 Fall River - Diman Vocational High for Girls - Sept. 1948; John P. Harrington
 Norwood - Henry O. Peabody for Girls - Sept. 1942; Mrs. M. Adele Marcoux
 Springfield Trade High for Girls - Jan. 1934; Edmond P. Garvey
 Worcester - David Hale Fanning Trade High for Girls - Sept. 1911; Blanche M. Penn

Group I 1b¹ - Three Trade Preparatory Schools for Girls and Women

Boston - Jan. 1953; Helen M. Moran
 Fall River - Sept. 1958; John P. Harrington
 Springfield - Oct. 1951; Dorothea Jameson

Group I 1c - Seven Industrial Departments (Boston)

Brighton - Feb. 1929; Alexander Passaretti
 Charlestown - Feb. 1929; Martin E. Keane
 Dorchester - Feb. 1929; Walter J. Barry
 East Boston - Feb. 1929; Murray Solomon
 Hyde Park - Feb. 1929; John P. Doyle
 Roxbury - Sept. 1929; Albert F. Hanrahan
 South Boston - Jan. 1929; Stephen T. Reilly

Group I 2a - Eighteen Part-time Cooperative Trade Schools

Arlington - Feb. 1954; Edmund J. Lewis
 Beverly - Aug. 1909; Robert A. Watson, Acting
 Boston: Brighton - Sept. 1922; Alexander Passaretti
 Charlestown - Sept. 1919; Martin E. Keane
 Dorchester - Sept. 1920; Walter J. Barry
 East Boston - June 1925; Murray Solomon
 Hyde Park - Sept. 1919; John P. Doyle
 Roxbury - Sept. 1929; Albert F. Hanrahan
 South Boston - Jan. 1929; Stephen T. Reilly
 Fitchburg - Oct. 1959; Franklin M. Angevine
 Haverhill - Oct. 1953; Thomas F. Garvey
 Holyoke - March 1948; William J. Dean
 Newton - March 1954; Orrin M. Brawn
 Northampton - Sept. 1953; E. Stanley Dowgert
 Pittsfield - Sept. 1951; William L. Dehey
 Southbridge - Sept. 1919; Raymond L. W. Benoit
 Springfield - April 1951; Edmond P. Garvey
 Westfield - May 1951; Michael Gonzalez

Group I 2c¹ - Thirty-seven Evening Industrial Schools (Men)

Apponequet Regional - Oct. 1964; Lloyd E. Taber
 Barnstable - Oct. 1958; Victor E. Mazzarella
 Boston - Oct. 1908; Arthur J. Driscoll
 Brockton - Sept. 1945; Ralph G. Bumpus, Acting
 Chicopee - June 1945; Henry J. Rege
 Dighton-Rehoboth Regional (North Dighton) - Jan. 1963; Charles F. Day
 Fall River - Oct. 1947; Charles E. Matte
 Framingham - Oct. 1945; Joseph P. Keefe
 Greenfield - Jan. 1962; Ralph E. Packard
 Haverhill - March 1950; Thomas F. Garvey
 Holyoke - April 1945; William J. Dean
 King Philip Regional (Wrentham) Nov. 1958; Preston I. Titus
 Lawrence - March 1908; Daniel F. Sullivan
 Leominster - March 1951; Emile S. Johnson
 Lowell - Oct. 1945; Charles P. Conlon
 Lynn Shoe - Jan. 1927; Stephen R. Callahan
 Lynn Trade - Oct. 1946; James P. Barry
 Malden - Oct. 1945; Thomas Lafionatis
 Marlboro - Oct. 1946; Joseph D. Brucchi
 Medford - Nov. 1930; Walter D. Reid
 New Bedford - Nov. 1907; Z. Walter Janiak
 Newton - Feb. 1909; Orrin M. Brawn
 North Adams - Charles H. McCann - Oct. 1963; James R. Westall
 Northampton - Oct. 1956; E. Stanley Dowgert
 Pittsfield - Oct. 1948; William L. Dehey
 Provincetown - Jan. 1964; Arthur P. Malchman
 Quincy - Nov. 1945; Laurence H. Babin
 Salem - Oct. 1956; John M. Conway
 Somerville Evening Trade - Oct. 1946; Walter E. Struble
 Southbridge - Oct. 1936; Frank P. Skinyon
 South Shore Vocational Technical Evening Industrial (Hanover) - Jan. 1963;
 Frederick J. Teed
 Springfield - Feb. 1916; Dorothea Jameson

Group I 2c¹ - Thirty-seven Evening Industrial Schools (Men) (continued)

Taunton - Oct. 1956; Emmett Wellwood, Acting
 Waltham - Nov. 1945; Lloyd F. VanArsdale
 Westfield - Oct. 1946; Michael Gonzalez
 Weymouth - Oct. 1955; Ray G. Parker
 Worcester - Feb. 1910; Walter B. Dennen

Group I 2c² - One Evening Trade Extension School (Women)

Worcester - Oct. 1964; Blanche M. Penn

Group I 2d - Twenty-two Apprenticeship Schools

Boston - Nov. 1945; Jeffrey J. Keating
 Boston Journeymen - Oct. 1955; Jeffrey J. Keating
 Brockton - Oct. 1946; Ralph G. Eampus, Acting
 Fitchburg - Nov. 1946; Franklin M. Angevine
 Haverhill - March 1949; Thomas F. Garvey
 Holyoke - Nov. 1946; William J. Dean
 King Philip Regional (Wrentham) - Oct. 1961; Preston I. Titus
 Lawrence - Dec. 1946; Daniel F. Sullivan
 Leominster - Oct. 1946; Emile S. Johnson
 Lowell - Oct. 1946; Charles P. Conlon
 Lynn - Jan. 1947; James P. Barry
 Malden - Oct. 1946; Thomas Lafionatis
 Marlboro - Jan. 1947; Joseph D. Brucchi
 Medford - Nov. 1946; Walter D. Reid
 Newton - Oct. 1939; Orrin M. Brawn
 Pittsfield - Sept. 1927; William L. Dehey
 Quincy - Oct. 1949; Laurence H. Babin
 Springfield - Oct. 1944; Dorothea Jameson
 Taunton - Feb. 1947; Emmett Wellwood, Acting
 Waltham - Sept. 1964; Lloyd F. VanArsdale
 Weymouth - Oct. 1962; Ray G. Parker
 Worcester - March 1943; Walter B. Dennen

Group III 1a - Nine Homemaking Schools

Cambridge - Dec. 1935; John M. Tobin
 Everett - Oct. 1933; John W. Bates
 Fall River - Sept. 1942; John P. Harrington
 Lowell - Sept. 1911; Charles P. Conlon
 New Bedford - Nov. 1907; Z. Walter Janiak
 New Salem - Sept. 1935; Paul R. Wilbur
 Northampton - Oct. 1908; B. Stanley Dowgert
 Springfield - Jan. 1914; Edmond P. Garvey
 Worcester - Jan. 1931; Blanche M. Penn

Group III 1b - Thirty-eight Day Household Arts Departments

Adams - Sept. 1936; Rolland G. Duval
 Apponequest Regional (Lakeville) - Sept. 1961; John P. Ball
 Barnstable - Sept. 1933; Victor B. Mazzarella
 Belchertown - March 1925; Donald E. Geer
 Beverly - Sept. 1937; William J. Foley
 Bourne - Sept. 1928; Clayton E. Campbell

Group III 1b - Thirty-eight Day Household Arts Departments
(continued)

Charlton - Sept. 1949; William R. Ball
 Dartmouth - Sept. 1935; Antone Bettencourt
 Duxbury - Sept. 1953; Everett L. Handy
 Easton - Sept. 1950; Julian S. Preuss
 Fall River - Nov. 1919; Thomas W. Hammond
 Falmouth - April 1925; Russell B. Marshall
 Foxboro - Sept. 1953; William A. Glynn
 Hadley - Aug. 1955; Edward J. Mulecki
 Haverhill - Sept. 1924; Robert Jackson
 Hudson - Sept. 1938; Martin J. Tierney
 King Philip Regional (Wrentham) - Sept. 1958; Warren H. Presley
 Lee - Sept. 1938; Arthur L. Welcome
 Marshfield - Sept. 1939; James P. Romeo
 Narragansett Regional (Baldwinville) - Sept. 1957; Anthony T. Safka
 Newburyport - Sept. 1941; Francis T. Bresnahan
 North Adams - Jan. 1935; Robert E. Taylor
 Northbridge - Sept. 1939; Mrs. Margaret C. Leonard
 North Brookfield - Sept. 1958; George S. Frizzell
 Palmer - Sept. 1936; Stanley Remiszewski
 Pittsfield - Sept. 1922; William L. Dehey
 Provincetown - Nov. 1931; Arthur P. Malchman
 Salem - Sept. 1954; Chester R. Arnold
 Saugus - Sept. 1955; Ashton F. Davis
 Scituate - Sept. 1921; Edward L. Stewart
 Silver Lake Regional (Kingston) - July 1955; Ralph W. Binns
 Somerville - Nov. 1920; Leo C. Donahue
 Tewksbury - Sept. 1959; Lawrence R. McGowan
 Wachusett Regional (Helden) - Aug. 1954; Neal T. Skillings
 Wareham - Sept. 1952; John J. Rolfe
 West Bridgewater - Sept. 1941; Donald A. Fisher
 Westport - March 1924; Harold S. Wood
 Winchendon - Sept. 1936; Ralph H. Neacham

Group III 3 - One hundred thirty-three Evening Practical Art Schools

Abington - April 1945; Leonard G. Palopoli
 Adams - Sept. 1964; Andrew Gigliotti
 Agawam - Jan. 1957; Richard H. Barry
 Amherst-Pelham Regional (Amherst) - Oct. 1956; Paul E. Healy
 Andover - Oct. 1945; Richard E. Neal
 Apponequet Regional - Oct. 1961; Lloyd E. Taber
 Arlington - Jan. 1950; Charles Fagone and Ralph Giclosa
 Athol - Jan. 1950; Curtis F. Bumpus
 Auburn - Sept. 1956; Priscilla A. Harney
 Ayer - Nov. 1964; Andrew J. Soule
 Barnstable - Nov. 1948; Victor E. Mazzarella
 Bedford - Oct. 1956; Joseph B. Herlihy
 Belmont - Oct. 1951; John F. Usher, Jr.
 Beverly - Sept. 1919; Carmine J. Belmonte
 Billerica - Oct. 1954; John D. O'Brien
 Boston - Oct. 1912; Charles E. Schroeder
 Bourne - Oct. 1961; Mrs. Alice G. Tyson
 Braintree - Jan. 1943; C. Robert Jingoian

Group III 3 - One hundred thirty-three Evening Practical Art Schools
(continued)

Bridgewater - Oct. 1951; Albert F. Hunt, Jr.
 Brockton - Nov. 1926; Ralph G. Bumpus
 Brookline - Jan. 1947; Wendell N. Weeks
 Burlington - March 1949; Robert B. Murphy
 Cambridge - Dec. 1942; John M. Tobin
 Canton - Oct. 1954; John A. O'Connell
 Chatham - Oct. 1958; Jesse J. Morgan
 Chelmsford - Nov. 1962; George J. Betzes
 Chicopee - Nov. 1921; Henry J. Rege
 Concord-Carlisle Regional (Concord) - Sept. 1961; Joseph C. Regan
 Danvers - Oct. 1962; Katherine M. Lawler
 Dartmouth - March 1954; Antone Bettencourt
 Douglas - Oct. 1960; H. Deane Hoyt
 Dover - Oct. 1963; Fritz F. Lindquist
 Duxbury - Oct. 1953; Everett L. Handy
 East Bridgewater - Oct. 1964; Gilbert Allan Ward
 Easthampton - Oct. 1953; Anthony R. Muscenti
 East Longmeadow - Jan. 1954; Robert J. Jarvis
 Easton - Sept. 1957; Julian S. Preuss
 Essex - Oct. 1955; Foster H. Ball
 Essex County (Hathorne) - July 1918; James Gallant
 Everett - Oct. 1911; John W. Bates
 Fall River - June 1943; John P. Harrington
 Falmouth - March 1954; Russell B. Marshall
 Foxboro - Jan. 1964; John P. Certure
 Franklin - Jan. 1949; Mrs. Helen G. Thomas
 Frontier Regional (South Deerfield) - Feb. 1960; Henry J. Zukowski
 Gardner - Jan. 1962; Mrs. Helen C. Polymeros
 Gloucester - March 1935; Kenneth E. Stickney
 Greenfield - Oct. 1948; Ralph E. Packard
 Hadley - March 1958; Edward J. Hulecki
 Hanover - April 1948; Philip W. Center
 Harwich - March 1950; Jesse J. Morgan
 Haverhill - Sept. 1964; Robert S. Jackson
 Hingham - Oct. 1957; Theodore I. Ricci, Jr.
 Holbrook - Oct. 1950; Irvin D. Reade
 Holyoke - Oct. 1911; Dr. Marcella Kelly
 Hudson - Jan. 1945; Martin J. Tierney
 Hull - Feb. 1950; Peter V. Garofoli
 King Philip Regional (Wrentham) - Nov. 1958; Preston I. Titus
 Lawrence - March 1908; Daniel F. Sullivan
 Lenox - Nov. 1954; Hiram F. Battey
 Leominster - Feb. 1916; Steven C. Christy, Acting
 Lexington - Oct. 1946; Russell O. Mann
 Lowell - Sept. 1911; Charles P. Conlon
 Lunenburg - Jan. 1962; Leo Millea, Jr.
 Lynn - Feb. 1920; Francis V. Kennedy
 Mahar, Ralph C., Regional (Orange) - Oct. 1958; John E. Roche, Jr.
 Manchester - Oct. 1959; Foster H. Ball
 Medfield - Oct. 1964; John Cuoco
 Medford - Oct. 1922; Catherine Fuller
 Melrose - March 1946; Leon Tinel
 Methuen - Oct. 1912; Walter B. Ingalls
 Middleboro - March 1949; Kenneth L. Johnson
 Milford - Feb. 1955; David I. Davoren
 Millis - March 1948; George C. Roy

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry, no matter how small, should be carefully documented to ensure the integrity of the financial data. This includes recording dates, amounts, and the nature of the transactions.

In the second section, the author outlines the various methods used to collect and analyze data. These methods include direct observation, interviews with key personnel, and the use of specialized software tools. The goal is to gather comprehensive information that can be used to identify trends and areas for improvement.

The third part of the document focuses on the results of the data collection process. It presents a series of charts and graphs that illustrate the findings. These visual aids help to convey complex information in a clear and concise manner, making it easier for stakeholders to understand the data.

Finally, the document concludes with a series of recommendations based on the findings. These recommendations are designed to address the identified issues and improve the overall performance of the organization. The author stresses the importance of implementing these changes promptly to achieve the desired outcomes.

Group III 3 - One hundred thirty-three Evening Practical Art Schools
(continued)

Milton - April 1946; Robert E. Deakin
 Montague - Oct. 1954; Robert L. Flaisted
 Narragansett Regional (Baldwinville) - Oct. 1958; Anthony T. Safka
 New Bedford - Nov. 1907; Z. Walter Janiak
 Newton - Feb. 1909; Orrin M. Brawn
 North Adams - Oct. 1948; Robert Cresto
 Northampton - April 1942; B. Stanley Doughter
 North Attleboro - Jan. 1950; Leon A. Regan
 Northbridge - Nov. 1941; James S. Mullaney
 North Reading - March 1959; F. James W. Lazenby
 Norwell - Oct. 1955; Frederick A. Small
 Norwood - Oct. 1944; Mrs. M. Adele Marcoux
 Old Rochester Regional (Rochester) - Jan. 1962; Harold M. Gay
 Palmer - March 1948; Leo J. Santucci
 Pioneer Valley Regional (Northfield) - March 1958; F. Sumner Turner
 Pittsfield - Oct. 1943; William L. Dehey
 Plymouth - Oct. 1956; Joseph L. Robinson
 Provincetown - Oct. 1948; Arthur P. Malchman
 Quincy - Nov. 1945; Chester V. Sweatt
 Randolph - April 1945; Francis A. Colosi
 Reading - Oct. 1957; John R. Copithorne
 Revere - Feb. 1954; Louis C. Perullo
 Rockland - Oct. 1949; Robert G. Watson
 Salem - Oct. 1940; Patrick T. Fallon
 Saugus - Jan. 1957; Louise Solomita
 Scituate - Dec. 1951; Edward J. Bielski
 Sharon - Oct. 1964; Arthur W. Danielson
 Shelburne - Jan. 1956; Roy A. Bither, Jr.
 Silver Lake Regional (Kingston) - Jan. 1956; Richard St. Onge
 Somerset - Sept. 1928; Thomas J. Daly
 Somerville - Oct. 1911; Leo C. Donahue
 Southbridge - Sept. 1947; Frank P. Skinyon
 South Hadley - Oct. 1953; William R. Peck
 Spencer - Nov. 1948; Edward R. McDonough
 Springfield - Oct. 1935; Dennis J. Brunton
 Stoughton - Sept. 1953; Donald W. Kintis
 Swampscott - Oct. 1957; Harold I. Power
 Swansea - Sept. 1947; Mrs. Avis E. Phillips
 Taunton - Oct. 1945; Emmett Wellwood, Acting
 Tewksbury - Oct. 1960; Francis Sheehan
 Truro - Nov. 1949; Arthur P. Malchman
 Wakefield - Feb. 1954; John S. Zynski
 Waltham - Nov. 1943; Edward P. Chaisson
 Ware - Oct. 1962; Mrs. Josie Buskey
 Wareham - Feb. 1950; John J. Rolfe
 Webster - Dec. 1934; Howard V. McGuinness
 Wellesley - Oct. 1950; Salvatore W. Simone
 West Bridgewater - Oct. 1963; Donald A. Fisher
 Westfield - Nov. 1948; Michael Gonzalez
 Westport - Oct. 1955; Harold S. Wood
 West Springfield - Oct. 1961; Mrs. Mary R. A. Lovett
 Westwood - Oct. 1948; Duane E. Kocina
 Weymouth - Oct. 1946; Harold G. Olson
 Whitman-Hanson Regional (Whitman) - Oct. 1961; Robert S. Teahan
 Wilmington - Oct. 1962; Harold S. Shea
 Winchendon - Nov. 1944; Ralph H. Meacham
 Woburn - Jan. 1952; James F. Brennan
 Worcester - Sept. 1911; Blanche M. Penn
 Yarmouth - Feb. 1951; Gregory C. Drake

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1914

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Group IV 1a - Five Day Agricultural Schools

Bristol County (Segreganset) - Sept. 1913; John B. Farrar
 Essex County Agricultural and Technical Institute (Hathorne) - Oct. 1913;
 James F. Gallant
 New Salem - Sept. 1920; Paul R. Wilbur
 Norfolk County (Walpole) - Oct. 1916; Foster H. Weiss
 Northampton - Smith's - Oct. 1908; R. Stanley Dougert

Group IV 1b - Thirteen Vocational Agricultural Departments with
names of instructors (days)¹

Barnstable - Sept. 1934; Gerald E. White
 Boston (Jamaica Plain) - Nov. 1918; Henry G. Wendler, Coordinator
 Charlton - Sept. 1949; Paul Frost, Jr.
 Hadley - July 1955; Frank J. Wilson
 Narragansett Regional (Baldwinville) - Sept. 1957; Charles A. Howard
 North Brockfield - July 1956; David P. Kramer
 Pioneer Valley Regional (Northfield) - Sept. 1957; Russell A. Goodwin
 Shelburne - March 1920; Ernest R. Giffin
 Silver Lake Regional (Kingston) - July 1955; George H. Fraser
 Stockbridge - June 1936; Kenneth W. Milligan
 Wachusett Regional (Holden) - July 1954; Frederick S. Warren
 Westport - Aug. 1925; Joseph F. Szala
 Worcester - May 1917; Casper J. Parednia

Group IV 3 - Five Vocational Agricultural Departments (evening)

Bristol County (Segreganset) - Oct. 1940; John B. Farrar
 Essex County (Hathorne) - Dec. 1926; James F. Gallant
 Narragansett Regional (Baldwinville) - Nov. 1958; Anthony T. Safka
 Wachusett Regional (Holden) - Nov. 1956; Neal T. Skillings
 Westport - July 1953; Harold S. Wood

Group V 1a - Twenty-four Part-time Cooperative Distributive
Occupations Schools

Beverly - Sept. 1957; William J. Foley
 Boston: Dorchester - Sept. 1937; Edward Leach
 East Boston - Sept. 1937; Edward Leach
 Hyde Park - Sept. 1961; Edward Leach
 Jamaica Plain - Sept. 1937; Edward Leach
 Jeremiah E. Burke - Sept. 1960; Edward Leach
 Braintree - Sept. 1961; Walter K. Hjelm
 Brockton - Sept. 1944; Ralph G. Bumpus
 Chicopee - Sept. 1950; John L. Fitzpatrick
 Essex County (Hathorne) - Dec. 1960; James F. Gallant
 Fitchburg - April 1956; Stephen T. Woodbury
 Lowell - Sept. 1946; Charles P. Conlon
 Malden - Sept. 1962; Thomas Lafionatis
 Medford - Feb. 1942; Walter D. Reid
 Melrose - Sept. 1964; Stanley Robinson
 Peabody - Nov. 1956; Arthur J. Barry
 Pittsfield - Sept. 1941; William L. Dehey
 Quincy - Sept. 1946; Lloyd M. Creighton

Group V 1a - Twenty-four Part-time Cooperative Distributive
Occupations Schools (continued)

Salem - Sept. 1948; John M. Conway
Saugus - April 1961; Ashton F. Davis
Somerville - Sept. 1948; Walter E. Struble
Springfield - Sept. 1963; Edmond P. Garvey
Waltham - Sept. 1963; Lloyd F. VanArsdale
Weymouth - Sept. 1960; Wallace L. Whittle

Group V 2 - Three Evening Distributive Occupations Schools

Boston - April 1943; Edward Leach
Malden - Nov. 1953; Thomas Lafionatis
Pittsfield - Nov. 1953; William L. Dehey

Group VI 1 - Thirteen Day Practical Nursing Schools

Boston - Sept. 1957; Helen M. Moran
Essex County (Hathorne) - Dec. 1961; James F. Gallant
Fall River - Sept. 1959; John P. Harrington
Holyoke - Feb. 1965; William J. Dean
Lawrence - Sept. 1958; Daniel F. Sullivan
Lowell - Sept. 1962; Charles P. Conlon
North Adams - Charles H. McCann - Oct. 1962; James R. Westall
Northampton - Nov. 1960; B. Stanley Dowgert
Norwood - Sept. 1960; Mrs. M. Adele Marcoux
Pittsfield - Feb. 1958; William L. Dehey
Springfield - Sept. 1957; Edmond P. Garvey
Taunton - Feb. 1957; Patrick H. Lyons
Worcester - Sept. 1953; Blanche M. Penn

Group VI 2 - Three Evening Trade Extension Schools (Women) -
Practical Nursing

Fall River - Sept. 1964; John P. Harrington
Springfield - Sept. 1957; Dorothea Jameson
Worcester - Sept. 1964; Blanche M. Penn

Group VII 1 - Fifteen Day Area Vocational Schools

Arlington - Sept. 1961; Edmund J. Lewis
Beverly - Nov. 1964; Robert A. Watson, Acting
Boston - Sept. 1964; Philip A. Spang
Fall River - Sept. 1959; John P. Harrington
Leominster - Feb. 1959; Emile S. Johnson
Lynn - Feb. 1959; Michael C. O'Donnell
Medford - Sept. 1959; Walter D. Reid
New Bedford - Sept. 1961; Z. Walter Janiak
Newton - Feb. 1959; Orrin M. Brawn
Pittsfield - Feb. 1959; William L. Dehey
Quincy - Feb. 1959; Maurice J. Daly
South Shore - Feb. 1963; Frederick J. Teed
Springfield - Sept. 1959; Edmond P. Garvey
Weymouth - Sept. 1962; Ray G. Parker
Worcester Industrial Technical Institute - Sept. 1960; Walter B. Dennen

Group VII 2 - Thirteen Evening Area Vocational Schools

Fall River - Sept. 1964; Charles E. Matte
Framingham - Sept. 1959; Joseph P. Keefe
Leominster - Nov. 1959; Emile S. Johnson
Lynn - Oct. 1959; James P. Barry
Medford - Sept. 1959; Walter D. Reid
New Bedford - Nov. 1960; Z. Walter Janiak
Pittsfield - Jan. 1960; William L. Dehey
Quincy - Oct. 1960; Laurence H. Sabin
South Shore - Jan. 1963; Frederick J. Teed
Springfield - Nov. 1961; Dorothea Jameson
Waltham - Dec. 1962; Lloyd F. VanArsdale
Westfield - Sept. 1963; Michael Gonzalez
Worcester - Feb. 1960; Walter B. Dennen

¹The Principal of the High School usually serves as Director

School Year Ending June 30, 1964

| CITIES, TOWNS,
COUNTIES AND REGIONS | EXPENDITURES | | | RECEIPTS | | State Reimbursement |
|---|-------------------------|-----------------------|------------|------------------|--------------------|---------------------|
| | Capital
Expenditures | School
Maintenance | Total | School
Income | Net
Maintenance | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| GROUP I 1a - BOYS' DAY INDUSTRIAL SCHOOLS | | | | | | |
| Apponequet Regional | 700.22 | 52,684.47 | 53,384.69 | 15,217.37 | 37,467.10 | 18,733.55 |
| Arlington | 589.48 | 106,971.26 | 107,560.74 | 14,992.87 | 91,978.39 | 45,989.19 |
| Attleboro | 1,212.78 | 123,066.74 | 124,279.52 | 6,955.76 | 116,110.98 | 58,055.49 |
| Avon | ---- | 19,913.69 | 19,913.69 | 545.45 | 19,368.24 | 9,684.12 |
| Barnstable | 1,864.14 | 101,250.92 | 103,115.06 | 10,223.88 | 91,027.04 | 45,513.52 |
| Belmont | 404,799.53 | 80,116.25 | 484,915.78 | 10,433.07 | 69,683.18 | 34,841.59 |
| Beverly | 1,159.15 | 118,372.87 | 119,532.02 | 13,916.36 | 104,456.51 | 52,228.25 |
| Boston | 7,732.91 | 955,149.10 | 962,882.01 | 87,852.12 | 867,296.98 | 433,648.49 |
| Brockton | 2,001.73 | 97,020.80 | 99,022.53 | 31,749.35 | 65,271.45 | 32,635.73 |
| Cambridge | ---- | 53,471.72 | 53,471.72 | 200.00 | 53,271.72 | 26,635.86 |
| Chicopee | ---- | 159,974.10 | 159,974.10 | 11,497.86 | 148,476.24 | 74,238.12 |
| Dartmouth | 147.30 | 20,988.46 | 21,135.76 | 471.35 | 20,517.11 | 10,258.55 |
| Dighton-Rehoboth Regional | 951.44 | 56,038.57 | 56,990.01 | 16,990.53 | 39,048.04 | 19,524.02 |
| Everett | 1,137.49 | 221,525.21 | 222,662.70 | 19,251.50 | 202,273.71 | 101,136.86 |
| Fall River - Diman | 3,226.97 | 182,219.00 | 185,445.97 | 5,216.51 | 177,002.49 | 88,501.25 |
| Fitchburg | 54.95 | 79,709.13 | 79,764.08 | 5,061.62 | 74,647.51 | 37,323.76 |
| Framingham | 149.50 | 104,643.58 | 104,793.08 | 18,004.79 | 86,638.79 | 43,319.39 |
| Gloucester | 4,965.65 | 97,381.83 | 102,347.48 | 1,666.60 | 95,715.23 | 47,857.62 |
| Greenfield | ---- | 123,858.95 | 123,858.95 | 56,498.61 | 67,360.34 | 33,680.17 |
| Haverhill | 10,001.84 | 335,269.27 | 345,271.11 | 95,273.50 | 239,995.77 | 119,997.89 |
| Holyoke | 2,347.71 | 174,894.33 | 177,242.04 | 29,626.51 | 145,267.82 | 72,633.91 |
| King Philip Regional | 1,687.33 | 66,427.26 | 68,114.59 | 6,963.08 | 59,464.18 | 29,732.09 |
| Leominster | 1,143.81 | 105,162.05 | 106,305.86 | 9,890.16 | 95,271.89 | 47,635.95 |
| Lowell | 120.00 | 199,040.69 | 199,160.69 | 17,450.54 | 181,590.15 | 90,795.08 |
| Lynn Shoe | 3,182.23 | 110,921.02 | 114,103.25 | 17,597.99 | 93,323.03 | 46,661.52 |
| Lynn Trade | 653.42 | 198,150.95 | 198,804.37 | 9,674.97 | 188,475.98 | 94,237.99 |
| Malden | 540.62 | 89,599.46 | 90,140.08 | 6,877.51 | 82,721.95 | 41,360.98 |
| Marlboro | 11,043.70 | 68,821.07 | 79,864.77 | 21,801.95 | 47,019.12 | 23,509.56 |
| Medford - Melvin V. Weldon | 120.86 | 202,097.72 | 202,218.58 | 27,976.84 | 174,120.88 | 87,060.44 |
| Nantucket | ---- | 29,004.40 | 29,004.40 | 3,282.10 | 25,722.30 | 12,861.15 |
| New Bedford | 11,783.19 | 389,187.48 | 400,970.67 | 72,451.21 | 316,736.27 | 158,368.14 |
| New Salem | 1,028.85 | 30,514.95 | 31,543.80 | 28,168.78 | 2,346.17 | 1,173.09 |
| Newton | 9,197.05 | 275,134.96 | 284,332.01 | 49,891.45 | 225,243.51 | 112,621.75 |
| North Adams - Charles H. McCann | 73,553.78 | 291,077.53 | 364,631.31 | 121,270.49 | 169,807.04 | 84,903.52 |
| Northampton's | 15,725.76 | 206,084.08 | 221,809.84 | 77,725.01 | 128,359.07 | 64,179.54 |
| Northbridge | 72.59 | 12,796.49 | 12,869.08 | 489.73 | 12,306.76 | 6,153.38 |
| Peabody | 146.32 | 70,373.97 | 70,520.29 | 5,287.69 | 65,086.28 | 32,543.14 |
| Pittsfield | 191.35 | 169,958.72 | 170,150.07 | 16,463.08 | 153,495.64 | 76,747.82 |
| Provincetown | 2,145.29 | 21,102.50 | 23,247.79 | 1,380.67 | 19,721.83 | 9,860.92 |
| Quincy | 7,455.49 | 239,609.56 | 247,065.05 | 26,266.90 | 213,342.66 | 106,671.33 |
| Randolph | ---- | 23,286.54 | 23,286.54 | 184.05 | 23,102.49 | 11,551.25 |
| Salem | 10,672.20 | 80,717.80 | 91,390.00 | 2,394.60 | 78,323.20 | 39,161.60 |

| I la (continued) | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|--|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Silver Lake Regional | | --- | 44,732.31 | 44,732.31 | 1,071.00 | 43,661.31 | 21,830.66 |
| Somerville | 5,362.22 | 194,628.96 | 194,628.96 | 199,991.18 | 11,764.74 | 182,864.22 | 91,432.11 |
| Southbridge - Cole | 6,035.71 | 95,311.88 | 95,311.88 | 101,347.59 | 4,340.65 | 90,963.23 | 45,481.62 |
| South Shore | 45,014.23 | 228,333.14 | 228,333.14 | 273,347.37 | 79,869.00 | 148,464.14 | 74,232.07 |
| Springfield | 17,777.62 | 581,844.78 | 581,844.78 | 599,622.40 | 160,331.01 | 421,513.77 | 210,756.89 |
| Swansea | --- | 13,039.61 | 13,039.61 | 13,039.61 | --- | 13,039.61 | 6,519.81 |
| Taunton | 103.28 | 73,739.72 | 73,739.72 | 73,843.00 | 18,321.82 | 55,416.90 | 27,708.45 |
| Waltham | 8,118.23 | 216,775.82 | 216,775.82 | 224,894.05 | 22,050.79 | 194,717.03 | 97,358.52 |
| Wareham | 238.93 | 20,825.65 | 20,825.65 | 21,064.58 | 1,380.76 | 19,444.89 | 9,722.45 |
| Webster - Bartlett | 861.70 | 63,124.76 | 63,124.76 | 63,986.46 | 15,892.30 | 47,232.46 | 23,616.23 |
| Westfield | 2,096.68 | 220,597.84 | 220,597.84 | 222,694.52 | 14,995.67 | 205,602.17 | 102,801.09 |
| Weymouth | 3,831.75 | 214,592.41 | 214,592.41 | 218,424.16 | 40,904.60 | 173,607.61 | 86,843.81 |
| Worcester | 113,964.24 | 691,524.83 | 691,524.83 | 805,489.07 | 104,831.33 | 586,693.50 | 293,346.75 |
| TOTAL | 796,911.22 | 8,802,661.16 | 8,802,661.16 | 9,599,572.38 | 1,450,985.28 | 7,351,755.88 | 3,675,878.03 |
| FISHERIES | | | | | | | |
| Gloucester | 410.59 | 7,741.97 | 7,741.97 | 8,152.56 | 3,200.00 | 4,541.97 | 2,270.99 |
| GROUP I la ¹ - UNIT TRADE - TYPE C - TRADE PREPARATORY (BOXES) | | | | | | | |
| Fitchburg | --- | 994.37 | 994.37 | 994.37 | 2.10 | 992.27 | 496.14 |
| Framingham | --- | 1,064.66 | 1,064.66 | 1,064.66 | 653.40 | 411.26 | 205.63 |
| Leominster | --- | 1,496.00 | 1,496.00 | 1,496.00 | 675.90 | 820.10 | 410.05 |
| Lynn | --- | 1,905.09 | 1,905.09 | 1,905.09 | 667.90 | 1,237.19 | 618.60 |
| North Adams - Charles H. McCann | --- | 2,419.85 | 2,419.85 | 2,419.85 | 169.60 | 2,250.25 | 1,125.13 |
| Northbridge | --- | 300.00 | 300.00 | 300.00 | 201.00 | 99.00 | 49.50 |
| Waltham | --- | 3,013.11 | 3,013.11 | 3,013.11 | 393.70 | 2,619.41 | 1,309.72 |
| Westfield | --- | 3,160.90 | 3,160.90 | 3,160.90 | 404.60 | 2,756.30 | 1,378.15 |
| TOTAL | --- | 14,353.98 | 14,353.98 | 14,353.98 | 3,168.20 | 11,185.78 | 5,592.92 |
| GROUP I lb - GIRLS' DAY INDUSTRIAL SCHOOLS | | | | | | | |
| Boston | 302.53 | 216,657.21 | 216,657.21 | 216,959.74 | 17,057.43 | 199,599.78 | 99,799.89 |
| Essex County | --- | 39,071.35 | 39,071.35 | 39,071.35 | 5,552.34 | 33,579.01 | 16,759.51 |
| Fall River - Diman | 417.39 | 28,493.63 | 28,493.63 | 28,911.02 | 1,134.80 | 27,358.83 | 13,679.42 |
| Norwood - Henry O. Peabody | 1,863.51 | 115,396.11 | 115,396.11 | 117,259.62 | 40,671.20 | 74,724.91 | 37,362.45 |
| Springfield | 105.75 | 152,738.39 | 152,738.39 | 152,844.14 | 25,608.34 | 127,130.05 | 63,565.03 |
| Worcester - David Hale Fanning | 13,007.34 | 217,370.31 | 217,370.31 | 230,377.65 | 30,685.90 | 186,684.33 | 93,342.17 |
| TOTAL | 15,696.52 | 769,727.00 | 769,727.00 | 785,423.52 | 120,710.09 | 649,016.91 | 324,508.47 |
| GROUP I lb ¹ - UNIT TRADE - TYPE C - TRADE PREPARATORY (TYPE C) | | | | | | | |
| Boston | --- | 2,965.00 | 2,965.00 | 2,965.00 | --- | 2,965.00 | 1,482.50 |
| Fall River | --- | 668.00 | 668.00 | 668.00 | --- | 668.00 | 334.00 |
| Springfield | --- | 863.53 | 863.53 | 863.53 | 30.00 | 833.53 | 416.77 |
| TOTAL | --- | 4,496.53 | 4,496.53 | 4,496.53 | 30.00 | 4,466.53 | 2,233.27 |

| GROUP I 1c - INDUSTRIAL DEPARTMENTS | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|--|----------|------|------------|------------|-----------|------------|------------|
| Boston | | ---- | 497,856.56 | 497,856.56 | 24,128.63 | 473,727.93 | 236,863.97 |
| TOTAL | | ---- | 497,856.56 | 497,856.56 | 24,128.63 | 473,727.93 | 236,863.97 |
| GROUP I 2a - PART-TIME COOPERATIVE TRADE SCHOOLS | | | | | | | |
| Arlington | | ---- | 1,387.72 | 1,387.72 | 281.25 | 1,106.47 | 553.24 |
| Beverly | | ---- | 22,165.32 | 22,165.32 | 7,196.79 | 14,968.53 | 7,484.27 |
| Boston | | ---- | 228,115.40 | 228,115.40 | 6,227.80 | 221,888.60 | 110,944.30 |
| Fitchburg | | ---- | 8,935.00 | 8,935.00 | 543.00 | 8,392.00 | 4,196.00 |
| Haverhill | | ---- | 18,224.44 | 18,224.44 | 12,350.00 | 5,874.44 | 2,937.22 |
| Holyoke | | ---- | 14,971.40 | 14,971.40 | 4,000.00 | 10,971.40 | 5,485.70 |
| Newton | | ---- | 10,749.50 | 10,749.50 | 465.00 | 10,284.50 | 5,142.25 |
| Pittsfield | | ---- | 16,084.98 | 16,084.98 | 1,532.50 | 14,552.48 | 7,276.24 |
| Southbridge | 1,604.43 | | 25,336.05 | 26,940.48 | 1,793.60 | 23,542.45 | 11,771.23 |
| Springfield | | ---- | 58,153.62 | 58,153.62 | 8,275.58 | 49,878.04 | 24,939.02 |
| Westfield | | ---- | 24,585.39 | 24,585.39 | 1,850.00 | 22,735.39 | 11,367.69 |
| TOTAL | 1,604.43 | | 428,708.82 | 430,313.25 | 44,515.52 | 384,194.30 | 192,097.16 |
| GROUP I 2c ¹ - MEN'S EVENING INDUSTRIAL SCHOOLS | | | | | | | |
| Apponequet Regional | | ---- | 139.92 | 139.92 | 139.92 | ---- | ---- |
| Barnstable | | ---- | 1,120.95 | 1,120.95 | 732.60 | 388.35 | 194.18 |
| Beverly | | ---- | 3,170.49 | 3,170.49 | 588.60 | 2,581.89 | 1,290.94 |
| Boston | | ---- | 35,189.39 | 35,189.39 | 4,174.75 | 31,014.64 | 15,507.32 |
| Brockton | | ---- | 5,125.08 | 5,125.08 | 411.80 | 4,713.28 | 2,356.64 |
| Chicopee | | ---- | 7,711.51 | 7,711.51 | 2,959.00 | 4,752.51 | 2,376.26 |
| Dighton-Rehoboth Regional | | ---- | 342.00 | 342.00 | 192.00 | 150.00 | 75.00 |
| Fall River | | ---- | 2,818.14 | 2,818.14 | 186.60 | 2,631.54 | 1,315.77 |
| Framingham | | ---- | 3,589.74 | 3,589.74 | 1,114.20 | 2,475.54 | 1,237.77 |
| Greenfield | | ---- | 1,686.47 | 1,686.47 | 1,320.80 | 365.67 | 182.84 |
| Haverhill | | ---- | 15,434.69 | 15,434.69 | 3,843.75 | 11,590.94 | 5,795.47 |
| Holyoke | | ---- | 8,183.86 | 8,183.86 | 861.65 | 7,322.21 | 3,661.11 |
| King Philip Regional | 11.90 | | 1,545.89 | 1,557.79 | 458.75 | 1,087.14 | 543.57 |
| Lawrence | 416.85 | | 11,803.69 | 12,220.54 | 1,150.20 | 10,653.49 | 5,326.75 |
| Leominster | | ---- | 1,496.00 | 1,496.00 | 1,048.50 | 447.50 | 223.75 |
| Lowell | | ---- | 5,264.17 | 5,264.17 | 116.00 | 5,148.17 | 2,574.09 |
| Lynn Shoe | 455.45 | | 6,608.11 | 7,063.56 | 3,873.79 | 2,734.32 | 1,367.16 |
| Lynn Trade | | ---- | 8,031.33 | 8,031.33 | 3,841.70 | 4,189.63 | 2,094.82 |
| Malden | | ---- | 1,013.75 | 1,013.75 | 180.80 | 832.95 | 416.48 |
| Marlboro | 323.99 | | 3,310.71 | 3,634.70 | 157.20 | 3,153.51 | 1,576.76 |
| Medford | 14.63 | | 3,103.81 | 3,118.44 | 1,206.75 | 1,897.06 | 948.53 |
| New Bedford | | ---- | 13,132.64 | 13,132.64 | 4,939.08 | 8,193.56 | 4,096.78 |
| Newton | | ---- | 5,834.99 | 5,834.99 | 2,056.10 | 3,778.89 | 1,889.44 |
| North Adams - Charles H. McCann | | ---- | 4,369.96 | 4,369.96 | 299.80 | 4,070.16 | 2,035.08 |
| Northampton | | ---- | 853.00 | 853.00 | 374.25 | 478.75 | 239.38 |
| Pittsfield | | ---- | 6,874.77 | 6,874.77 | 1,154.10 | 5,720.67 | 2,860.34 |
| Provincetown | | ---- | 945.00 | 945.00 | ---- | 945.00 | 472.50 |
| Quincy | | ---- | 5,430.76 | 5,430.76 | 4,596.40 | 834.36 | 417.18 |
| Salem | | ---- | 2,055.37 | 2,055.37 | 1,072.75 | 982.62 | 491.31 |
| Somerville | | ---- | 7,142.68 | 7,142.68 | 398.70 | 6,743.98 | 3,371.99 |
| Southbridge | | ---- | 1,702.49 | 1,702.49 | 327.00 | 1,375.49 | 687.75 |
| South Shore | | ---- | 7,805.40 | 7,805.40 | 5,006.24 | 2,799.16 | 1,399.58 |
| Springfield | | ---- | 23,375.88 | 23,375.88 | 7,235.40 | 16,140.48 | 8,070.24 |

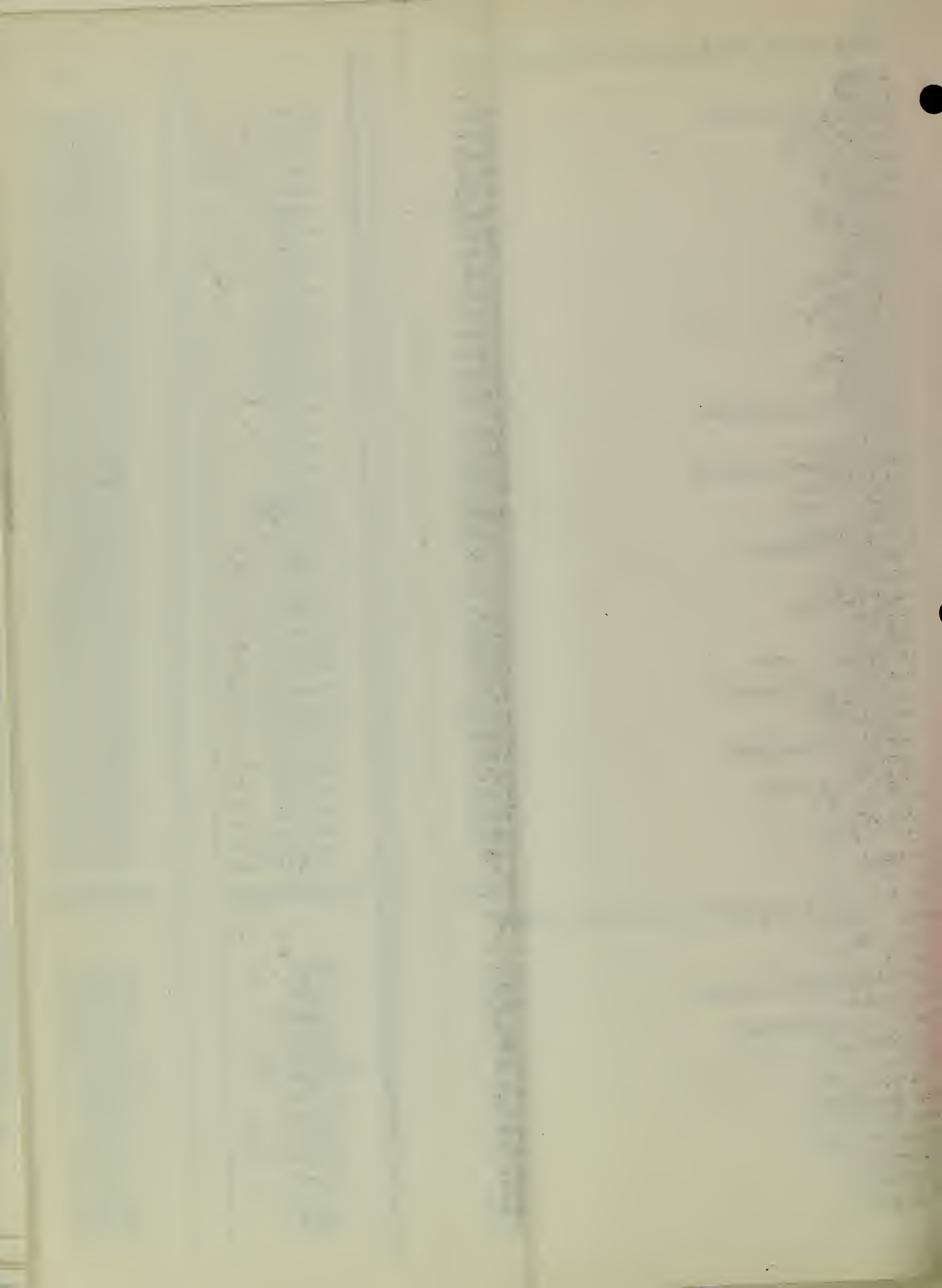
| I 2c (continued) | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|--|----------|------------|------------|------------|------------|------------|---|
| Taunton | ----- | 1,149.85 | 1,149.85 | 166.40 | 983.45 | 491.73 | |
| Waltham | 939.65 | 3,925.92 | 4,865.57 | 233.20 | 3,692.72 | 1,846.36 | |
| Webster | ----- | 231.88 | 231.88 | 201.08 | 30.80 | 15.40 | |
| Westfield | ----- | 3,849.96 | 3,849.96 | 426.05 | 3,423.91 | 1,711.96 | |
| Weymouth | ----- | 4,090.50 | 4,090.50 | 528.60 | 3,561.90 | 1,780.95 | |
| Worcester | ----- | 55,415.84 | 55,415.84 | 16,665.80 | 38,750.04 | 19,375.02 | |
| TOTAL | 2,162.47 | 274,876.59 | 277,039.06 | 74,240.31 | 200,635.28 | 100,318.20 | |
| GROUP I 2c ² - EVENING TRADE EXTENSION SCHOOLS
(WOMEN) | | | | | | | |
| Springfield | ----- | 826.69 | 826.69 | 36.00 | 790.69 | 395.40 | |
| TOTAL | ----- | 826.69 | 826.69 | 36.00 | 790.69 | 395.40 | |
| GROUP I 2d - EVENING APPRENTICESHIP SCHOOLS | | | | | | | |
| Boston & Journeyman | ----- | 87,197.61 | 87,197.61 | 64,689.80 | 22,507.81 | 11,253.91 | |
| Brookton | ----- | 4,946.10 | 4,946.10 | 1,947.20 | 2,998.90 | 1,499.45 | |
| Fitchburg | ----- | 2,144.98 | 2,144.98 | 534.00 | 1,610.98 | 805.49 | |
| Haverhill | ----- | 1,403.82 | 1,403.82 | 549.00 | 854.82 | 427.41 | |
| Holyoke | ----- | 1,834.83 | 1,834.83 | 392.40 | 1,442.43 | 721.22 | |
| King Philip Regional | ----- | 1,125.00 | 1,125.00 | 393.75 | 731.25 | 365.63 | |
| Lawrence | ----- | 4,445.36 | 4,445.36 | 153.90 | 4,291.46 | 2,145.73 | |
| Leominster | ----- | 950.00 | 950.00 | 597.60 | 352.40 | 176.20 | |
| Lowell | ----- | 3,952.39 | 3,952.39 | 612.00 | 3,340.39 | 1,670.20 | |
| Lynn | ----- | 4,650.65 | 4,650.65 | 3,563.20 | 1,087.45 | 543.73 | |
| Malden | ----- | 889.00 | 889.00 | 587.00 | 302.00 | 151.00 | |
| Marlboro | ----- | 2,027.97 | 2,027.97 | 761.40 | 1,266.57 | 633.29 | |
| Medford | ----- | 3,000.25 | 3,000.25 | 3,000.25 | ----- | ----- | |
| Newton | ----- | 2,559.40 | 2,559.40 | 2,299.60 | 259.80 | 129.90 | |
| Pittsfield | ----- | 12,031.08 | 12,031.08 | 8,353.00 | 3,678.08 | 1,839.04 | |
| Quincy | ----- | 4,587.21 | 4,587.21 | 3,619.80 | 967.41 | 483.70 | |
| Springfield | ----- | 9,677.86 | 9,677.86 | 3,563.20 | 6,044.66 | 3,022.33 | |
| Taunton | ----- | 606.10 | 606.10 | 285.60 | 320.50 | 160.25 | |
| Weymouth | ----- | 655.00 | 655.00 | 199.80 | 455.20 | 227.60 | |
| Worcester | 1,780.35 | 5,543.17 | 7,323.52 | 2,627.47 | 2,915.70 | 1,457.85 | |
| TOTAL | 1,780.35 | 154,227.78 | 156,008.13 | 98,799.97 | 55,427.81 | 27,713.93 | |
| GROUP III 1a - DAY HOUSEHOLD ARTS SCHOOLS | | | | | | | |
| Cambridge | ----- | 25,398.30 | 25,398.30 | 4,092.00 | 21,306.30 | 10,653.15 | |
| Everett | ----- | 12,642.72 | 12,642.72 | 2,501.00 | 10,141.72 | 5,070.86 | |
| Fall River | ----- | 32,584.52 | 32,584.52 | 566.20 | 32,018.32 | 16,009.16 | |
| Lowell | 130.00 | 84,465.13 | 84,595.13 | 10,633.75 | 73,831.38 | 35,915.69 | |
| New Bedford | 1,506.55 | 143,725.99 | 145,232.54 | 52,493.80 | 91,232.19 | 45,616.20 | |
| New Salem | 126.05 | 17,765.38 | 17,891.43 | 13,620.00 | 4,145.38 | 2,072.69 | |
| Northampton | 1,222.38 | 46,573.49 | 47,795.87 | 17,068.34 | 29,505.15 | 14,752.58 | |
| Springfield | ----- | 26,459.51 | 26,459.51 | 2,282.30 | 24,177.21 | 12,088.61 | |
| Worcester | 5,419.72 | 54,073.60 | 59,493.32 | 46,646.22 | 7,427.38 | 3,713.69 | |
| TOTAL | 6,404.70 | 443,688.64 | 452,093.34 | 149,903.61 | 293,785.03 | 146,892.63 | |

GROUP III 1b - DAY HOUSEHOLD ARTS DEPARTMENTS 1

| | 2 | 3 | 4 | 5 | 6 | 7 |
|-----------------------|----------|------------|------------|-----------|------------|------------|
| Adams | ---- | 6,041.65 | 6,041.65 | 56.00 | 5,985.65 | 2,992.82 |
| Apponequet Regional | ---- | 8,329.04 | 8,329.04 | 4,700.00 | 3,629.04 | 1,814.52 |
| Barnstable | ---- | 7,943.59 | 7,943.59 | ---- | 7,943.59 | 3,971.80 |
| Belchertown | ---- | 4,324.66 | 4,324.66 | ---- | 4,324.66 | 2,162.33 |
| Beverly | ---- | 8,477.54 | 8,477.54 | ---- | 8,477.54 | 4,238.77 |
| Bourne | ---- | 11,781.82 | 11,781.82 | ---- | 11,781.82 | 5,890.91 |
| Charlton | ---- | 4,781.95 | 4,781.95 | ---- | 4,781.95 | 2,390.98 |
| Dartmouth | ---- | 6,090.59 | 6,090.59 | ---- | 6,090.59 | 3,045.30 |
| Duxbury | ---- | 4,714.38 | 4,714.38 | ---- | 4,714.38 | 2,357.19 |
| Easton | ---- | 7,632.71 | 7,632.71 | ---- | 7,632.71 | 3,816.36 |
| Fall River | ---- | 7,039.11 | 7,039.11 | 426.00 | 6,613.11 | 3,306.56 |
| Falmouth | ---- | 4,558.56 | 4,558.56 | ---- | 4,558.56 | 2,279.28 |
| Foxboro | 277.00 | 11,948.49 | 12,225.49 | ---- | 11,948.49 | 5,974.25 |
| Hadley | ---- | 4,784.50 | 4,784.50 | 200.00 | 4,584.50 | 2,292.25 |
| Haverhill | ---- | 24,975.69 | 24,975.69 | 2,500.00 | 22,475.69 | 11,237.85 |
| Hudson | ---- | 5,022.72 | 5,022.72 | ---- | 5,022.72 | 2,511.36 |
| King Philip Regional | ---- | 7,464.96 | 7,464.96 | ---- | 7,464.96 | 3,732.48 |
| Lee | ---- | 5,170.14 | 5,170.14 | ---- | 5,170.14 | 2,585.07 |
| Marshfield | ---- | 10,368.53 | 10,368.53 | ---- | 10,368.53 | 5,184.27 |
| Narragansett Regional | ---- | 6,720.73 | 6,720.73 | ---- | 6,720.73 | 3,360.37 |
| Newburyport | 778.23 | 16,809.64 | 17,587.87 | 5,012.67 | 11,796.97 | 5,898.49 |
| North Adams | ---- | 12,084.89 | 12,084.89 | 820.00 | 11,264.89 | 5,632.44 |
| Northbridge | ---- | 8,949.24 | 8,949.24 | ---- | 8,949.24 | 4,474.62 |
| North Brookfield | ---- | 2,559.39 | 2,559.39 | ---- | 2,559.39 | 1,279.70 |
| Palmer | ---- | 9,885.32 | 9,885.32 | ---- | 9,885.32 | 4,942.66 |
| Pittsfield | ---- | 20,422.06 | 20,422.06 | ---- | 20,422.06 | 10,211.03 |
| Provincetown | ---- | 2,951.45 | 2,951.45 | 958.90 | 1,992.55 | 996.27 |
| Salon | ---- | 11,180.18 | 11,180.18 | ---- | 11,180.18 | 5,590.09 |
| Saugus | 221.97 | 7,644.06 | 7,866.03 | ---- | 7,644.06 | 3,822.03 |
| Seituate | ---- | 5,697.12 | 5,697.12 | ---- | 5,697.12 | 2,848.56 |
| Silver Lake Regional | ---- | 12,468.60 | 12,468.60 | 1,800.00 | 10,668.60 | 5,334.30 |
| Somerville | 119.92 | 16,523.87 | 16,643.79 | ---- | 16,523.87 | 8,261.94 |
| Teuksbury | ---- | 4,661.92 | 4,661.92 | ---- | 4,661.92 | 2,330.96 |
| Wachusett Regional | 798.28 | 8,412.37 | 9,210.65 | ---- | 8,412.37 | 4,206.19 |
| Wareham | ---- | 3,868.16 | 3,868.16 | ---- | 3,868.16 | 1,934.08 |
| West Bridgewater | ---- | 10,144.84 | 10,144.84 | ---- | 10,144.84 | 5,072.42 |
| Westport | ---- | 5,212.21 | 5,212.21 | ---- | 5,212.21 | 2,606.12 |
| Winchendon | ---- | 13,169.70 | 13,169.70 | 2,751.58 | 10,418.12 | 5,209.06 |
| TOTAL | 2,195.40 | 330,816.38 | 333,011.78 | 19,225.15 | 305,579.54 | 152,789.87 |

GROUP III 3 - EVENING PRACTICAL ART SCHOOLS

| | | | | | | |
|-------------------------|----------|-----------|-----------|----------|-----------|----------|
| Abington | ---- | 1,680.00 | 1,680.00 | 82.00 | 1,598.00 | 799.00 |
| Agawam | ---- | 5,893.03 | 5,893.03 | 805.00 | 5,088.03 | 2,544.02 |
| Amherst-Felham Regional | ---- | 4,276.00 | 4,276.00 | 1,904.00 | 2,372.00 | 1,186.00 |
| Andover | ---- | 3,695.00 | 3,695.00 | 228.00 | 3,467.00 | 1,733.50 |
| Apponequet Regional | ---- | 2,064.73 | 2,064.73 | 1,469.90 | 594.83 | 297.42 |
| Arlington | 1,719.48 | 21,935.28 | 23,654.76 | 4,667.20 | 17,268.08 | 8,634.04 |
| Athol | ---- | 2,898.80 | 2,898.80 | ---- | 2,898.80 | 1,449.40 |
| Auburn | ---- | 5,113.80 | 5,113.80 | 503.00 | 4,610.80 | 2,305.40 |
| Barnstable | ---- | 3,805.78 | 3,805.78 | 358.80 | 3,446.98 | 1,723.49 |
| Bedford | ---- | 6,655.49 | 6,655.49 | 1,026.50 | 5,628.99 | 2,814.50 |
| Belchertown | ---- | 532.00 | 532.00 | 320.00 | 212.00 | 106.00 |
| Belmont | ---- | 6,324.85 | 6,324.85 | 1,204.00 | 5,120.85 | 2,560.43 |
| Beverly | 170.00 | 5,558.94 | 5,728.94 | 393.00 | 5,165.94 | 2,582.97 |
| Billerica | ---- | 4,005.00 | 4,005.00 | 387.00 | 3,618.00 | 1,809.00 |



GROUP III (continued)

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---------------------------|--------|------|-----------|-----------|----------|-----------|-----------|
| Boston | | ---- | 37,327.67 | 37,327.67 | ---- | 37,327.67 | 18,663.84 |
| Bourne | | ---- | 1,465.00 | 1,465.00 | 743.00 | 722.00 | 361.00 |
| Braintree | | ---- | 3,501.85 | 3,501.85 | 575.00 | 2,926.85 | 1,463.43 |
| Bridgewater | | ---- | 1,344.00 | 1,344.00 | 112.00 | 1,233.00 | 626.50 |
| Brockton | | ---- | 8,207.94 | 8,207.94 | 530.80 | 7,677.14 | 3,838.57 |
| Brookline | 225.53 | ---- | 37,143.48 | 37,369.01 | 3,683.30 | 33,460.18 | 16,730.09 |
| Burlington | | ---- | 3,381.43 | 3,381.43 | ---- | 3,381.43 | 2,690.71 |
| Cambridge | | ---- | 6,040.48 | 6,040.48 | ---- | 6,040.48 | 3,020.24 |
| Canton | | ---- | 5,222.00 | 5,222.00 | 294.00 | 4,928.00 | 2,444.00 |
| Chatham | | ---- | 1,888.21 | 1,888.21 | 300.00 | 1,588.21 | 794.10 |
| Chelmsford | | ---- | 3,900.84 | 3,900.84 | 3,342.60 | 559.24 | 279.62 |
| Chicopee | | ---- | 13,242.07 | 13,242.07 | 5,177.60 | 8,064.47 | 4,032.24 |
| Concord-Carlisle Regional | | ---- | 10,373.93 | 10,373.93 | 2,299.00 | 8,074.93 | 4,037.47 |
| Danvers | | ---- | 5,290.00 | 5,290.00 | 2,326.90 | 2,963.10 | 1,480.55 |
| Dartmouth | | ---- | 1,855.00 | 1,855.00 | ---- | 1,855.00 | 927.50 |
| Dighton | | ---- | 661.00 | 661.00 | ---- | 661.00 | 330.50 |
| Douglas | | ---- | 540.20 | 540.20 | 540.20 | ---- | ---- |
| Dover | | ---- | 1,024.00 | 1,024.00 | ---- | 1,024.00 | 512.00 |
| Duxbury | | ---- | 1,330.00 | 1,330.00 | 69.80 | 1,260.20 | 630.10 |
| Easthampton | | ---- | 1,948.00 | 1,948.00 | 282.00 | 1,666.00 | 833.00 |
| East Longmeadow | | ---- | 2,534.90 | 2,534.90 | 223.00 | 2,311.90 | 1,155.95 |
| Easton | | ---- | 2,295.52 | 2,295.52 | 463.00 | 1,832.52 | 916.26 |
| Essex | | ---- | 785.00 | 785.00 | 47.00 | 738.00 | 369.00 |
| Essex County | | ---- | 38,723.72 | 38,723.72 | 341.25 | 38,382.47 | 19,191.24 |
| Everett | | ---- | 3,942.55 | 3,942.55 | ---- | 3,942.55 | 1,971.28 |
| Fall River | | ---- | 4,891.00 | 4,891.00 | 67.80 | 4,823.20 | 2,411.60 |
| Falmouth | | ---- | 1,690.00 | 1,690.00 | ---- | 1,690.00 | 845.00 |
| Foxboro | | ---- | 1,818.74 | 1,818.74 | 1,723.00 | 95.74 | 47.87 |
| Franklin | | ---- | 3,502.42 | 3,502.42 | 255.60 | 3,246.82 | 1,623.41 |
| Frontier Regional | | ---- | 1,787.00 | 1,787.00 | 1,457.00 | 330.00 | 165.00 |
| Gardner | | ---- | 7,255.13 | 7,255.13 | 3,870.10 | 3,385.03 | 1,692.52 |
| Gloucester | | ---- | 5,430.85 | 5,430.85 | 187.00 | 5,243.85 | 2,621.93 |
| Greenfield | | ---- | 4,040.85 | 4,040.85 | 1,326.75 | 2,714.10 | 1,357.05 |
| Hadley | | ---- | 580.00 | 580.00 | 50.00 | 530.00 | 265.00 |
| Hanover | | ---- | 3,361.00 | 3,361.00 | 1,195.00 | 2,166.00 | 1,083.00 |
| Harwich | | ---- | 2,142.00 | 2,142.00 | 324.00 | 1,818.00 | 909.00 |
| Haverhill | | ---- | 1,615.00 | 1,615.00 | 126.00 | 1,489.00 | 744.50 |
| Hingham | | ---- | 2,857.00 | 2,857.00 | 1,420.00 | 1,437.00 | 718.50 |
| Holbrook | | ---- | 2,290.00 | 2,290.00 | 75.60 | 2,214.40 | 1,107.20 |
| Holyoke | | ---- | 32,653.02 | 32,653.02 | 2,138.25 | 30,514.77 | 15,257.39 |
| Hudson | | ---- | 2,155.00 | 2,155.00 | 300.00 | 1,855.00 | 927.50 |
| Hull | | ---- | 2,476.05 | 2,476.05 | 723.00 | 1,753.05 | 876.03 |
| King Philip Regional | 19.73 | ---- | 3,396.82 | 3,416.55 | 965.25 | 2,431.57 | 1,215.79 |
| Lawrence | 464.50 | ---- | 26,299.04 | 26,763.54 | 2,150.70 | 28,248.34 | 12,074.17 |
| Lenox | | ---- | 705.00 | 705.00 | ---- | 705.00 | 352.50 |
| Leominster | | ---- | 6,311.00 | 6,311.00 | 1,853.40 | 4,457.60 | 2,228.80 |
| Lexington | | ---- | 10,292.78 | 10,292.78 | 3,819.50 | 6,473.28 | 3,236.64 |
| Lowell | | ---- | 9,594.33 | 9,594.33 | 290.25 | 9,304.08 | 4,652.04 |
| Lunenburg | | ---- | 1,884.80 | 1,884.80 | 870.00 | 1,014.80 | 507.40 |
| Lynn | | ---- | 13,781.51 | 13,781.51 | 1,642.27 | 12,139.24 | 6,069.62 |
| Mahar, Ralph C., Regional | | ---- | 2,518.73 | 2,518.73 | 234.00 | 2,284.73 | 1,142.36 |
| Manchester | | ---- | 1,648.10 | 1,648.10 | 460.00 | 1,188.10 | 594.05 |
| Medford | | ---- | 10,590.49 | 10,590.49 | 660.00 | 9,930.49 | 4,965.25 |
| Melrose | | ---- | 4,356.50 | 4,356.50 | 1,265.00 | 3,091.50 | 1,545.75 |
| Methuen | | ---- | 5,845.84 | 5,845.84 | 186.00 | 5,659.84 | 2,829.92 |
| Middleboro | | ---- | 1,055.27 | 1,055.27 | 64.00 | 991.27 | 495.64 |
| Milford | | ---- | 4,839.78 | 4,839.78 | 440.00 | 4,399.78 | 2,199.89 |

GROUP III (continued)

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-------------------------|---|--------|-----------|-----------|-----------|-----------|-----------|
| Millis | | ---- | 1,125.00 | 1,125.00 | 245.00 | 880.00 | 440.00 |
| Milton | | ---- | 5,578.10 | 5,578.10 | 1,507.00 | 4,071.10 | 2,035.55 |
| Montague | | ---- | 2,414.75 | 2,414.75 | 751.40 | 1,663.35 | 831.68 |
| Narragansett Regional | | ---- | 1,610.00 | 1,610.00 | 496.80 | 1,113.20 | 556.61 |
| New Bedford | | ---- | 18,317.87 | 18,317.87 | 3,906.40 | 14,411.47 | 7,205.74 |
| Newton | | 104.17 | 17,453.13 | 17,557.30 | 3,660.00 | 13,793.13 | 6,896.57 |
| North Adams | | ---- | 2,765.41 | 2,765.41 | 441.63 | 2,323.78 | 1,161.89 |
| Northampton | | ---- | 1,755.50 | 1,755.50 | 1,477.00 | 278.50 | 139.25 |
| North Attleboro | | ---- | 3,477.92 | 3,477.92 | 219.40 | 3,258.52 | 1,629.26 |
| Northbridge | | ---- | 2,043.69 | 2,043.69 | ---- | 2,043.69 | 1,021.85 |
| North Reading | | ---- | 4,515.00 | 4,515.00 | 1,196.25 | 3,318.75 | 1,659.38 |
| Norwell | | ---- | 1,515.00 | 1,515.00 | 617.38 | 897.62 | 448.81 |
| Norwood | | ---- | 6,552.00 | 6,552.00 | 375.60 | 6,176.40 | 3,088.20 |
| Old Rochester Regional | | ---- | 2,060.00 | 2,060.00 | 113.00 | 1,947.00 | 973.50 |
| Palmer | | ---- | 2,253.40 | 2,253.40 | ---- | 2,253.40 | 1,126.70 |
| Pioneer Valley Regional | | ---- | 1,250.00 | 1,250.00 | 207.20 | 1,042.80 | 521.40 |
| Pittsfield | | ---- | 8,702.82 | 8,702.82 | 1,440.50 | 7,262.32 | 3,631.16 |
| Plymouth | | ---- | 2,430.60 | 2,430.60 | 426.00 | 2,004.60 | 1,002.30 |
| Provincetown | | ---- | 830.00 | 830.00 | 200.00 | 630.00 | 315.00 |
| Quincy | | ---- | 19,739.68 | 19,739.68 | 939.00 | 18,800.68 | 9,400.34 |
| Randolph | | ---- | 3,958.00 | 3,958.00 | 650.00 | 3,308.00 | 1,654.00 |
| Reading | | ---- | 4,242.00 | 4,242.00 | 1,092.00 | 3,150.00 | 1,575.00 |
| Rehoboth | | ---- | 821.25 | 821.25 | 50.00 | 771.25 | 385.63 |
| Revere | | ---- | 2,383.00 | 2,383.00 | 300.00 | 2,083.00 | 1,041.50 |
| Rockland | | ---- | 3,630.07 | 3,630.07 | 199.00 | 3,431.07 | 1,715.54 |
| Salem | | ---- | 6,800.74 | 6,800.74 | 1,862.30 | 4,938.44 | 2,469.22 |
| Saugus | | ---- | 5,371.00 | 5,371.00 | 671.00 | 4,700.00 | 2,350.00 |
| Scituate | | ---- | 1,345.00 | 1,345.00 | 189.00 | 1,156.00 | 578.00 |
| Shelburne | | ---- | 1,058.04 | 1,058.04 | 489.60 | 568.44 | 284.22 |
| Silver Lake Regional | | ---- | 1,845.00 | 1,845.00 | 461.65 | 1,383.35 | 691.68 |
| Somerset | | ---- | 3,578.56 | 3,578.56 | 31.80 | 3,546.76 | 1,773.38 |
| Somerville | | ---- | 8,331.67 | 8,331.67 | 425.00 | 7,906.67 | 3,953.34 |
| Southbridge | | ---- | 2,161.76 | 2,161.76 | 133.50 | 2,028.26 | 1,014.13 |
| South Hadley | | ---- | 2,305.18 | 2,305.18 | 1,380.00 | 925.18 | 462.59 |
| Spencer | | ---- | 1,223.00 | 1,223.00 | 415.50 | 807.50 | 403.75 |
| Springfield | | ---- | 58,186.49 | 58,186.49 | 10,800.35 | 47,386.14 | 23,693.07 |
| Stoughton | | ---- | 2,985.73 | 2,985.73 | 489.40 | 2,496.33 | 1,248.17 |
| Swampscott | | ---- | 2,636.00 | 2,636.00 | 1,092.00 | 1,544.00 | 772.00 |
| Swansea | | ---- | 2,920.05 | 2,920.05 | 1,057.20 | 1,862.85 | 931.43 |
| Taunton | | ---- | 4,954.85 | 4,954.85 | 1,015.80 | 3,939.05 | 1,969.53 |
| Tewksbury | | ---- | 3,729.91 | 3,729.91 | 234.00 | 3,495.91 | 1,747.96 |
| Truro | | ---- | 470.00 | 470.00 | ---- | 470.00 | 235.00 |
| Wakefield | | ---- | 6,200.62 | 6,200.62 | 1,954.00 | 4,246.62 | 2,123.31 |
| Waltham | | ---- | 5,629.00 | 5,629.00 | 390.00 | 5,239.00 | 2,619.50 |
| Ware | | ---- | 975.00 | 975.00 | 975.00 | ---- | ---- |
| Wareham | | ---- | 2,269.00 | 2,269.00 | 400.00 | 1,869.00 | 934.50 |
| Webster | | ---- | 1,102.50 | 1,102.50 | 114.30 | 988.20 | 494.10 |
| Wellesley | | ---- | 9,711.39 | 9,711.39 | 5,402.00 | 4,309.39 | 2,154.70 |
| West Bridgewater | | ---- | 1,160.00 | 1,160.00 | 1,076.50 | 83.50 | 41.75 |
| Westfield | | ---- | 14,821.82 | 14,821.82 | 2,668.50 | 12,153.32 | 6,076.66 |
| Westport | | ---- | 767.10 | 767.10 | ---- | 767.10 | 383.55 |
| West Springfield | | ---- | 3,415.39 | 3,415.39 | 1,031.00 | 2,384.39 | 1,192.20 |
| Westwood | | ---- | 5,345.00 | 5,345.00 | 562.00 | 4,783.00 | 2,391.50 |
| Weymouth | | ---- | 11,202.74 | 11,202.74 | ---- | 11,202.74 | 5,601.37 |
| Whitman-Hanson Regional | | ---- | 4,243.00 | 4,243.00 | 738.00 | 3,505.00 | 1,752.50 |
| Wilmington | | ---- | 3,745.10 | 3,745.10 | 195.00 | 3,550.10 | 1,775.05 |
| Winchendon | | ---- | 2,015.00 | 2,015.00 | 925.70 | 1,089.30 | 544.65 |

| | | | | | | |
|-----------|----------|------------|------------|------------|------------|------------|
| Moburn | ----- | 7,275.60 | 7,275.60 | 472.90 | 6,803.10 | 3,401.55 |
| Worcester | 2,709.86 | 26,741.88 | 29,451.74 | 8,116.90 | 18,624.98 | 9,312.49 |
| Yarmouth | ----- | 3,521.51 | 3,521.51 | 690.30 | 2,831.21 | 1,415.61 |
| TOTAL | 5,413.27 | 793,541.36 | 798,954.63 | 131,804.64 | 661,732.68 | 330,866.00 |

GROUP IV 1a - AGRICULTURAL SCHOOLS

| | | | | | | |
|----------------|-----------|--------------|--------------|------------|--------------|------------|
| Bristol County | 4,130.77 | 351,006.46 | 389,137.23 | 53,383.71 | 287,422.75 | 143,811.30 |
| Essex County | 652.00 | 570,682.92 | 571,334.92 | 115,424.28 | 371,649.62 | 185,924.81 |
| New Salem | 103.02 | 34,425.84 | 34,528.86 | 20,093.00 | 14,332.84 | 7,166.42 |
| Norfolk County | 9,306.02 | 416,756.86 | 426,062.88 | 74,153.43 | 342,303.43 | 171,151.71 |
| Northampton | 4,640.97 | 39,084.47 | 43,725.44 | 12,354.39 | 26,726.08 | 13,363.04 |
| TOTAL | 18,832.78 | 1,411,956.55 | 1,430,789.33 | 205,710.81 | 1,042,834.72 | 521,417.36 |

GROUP IV 1b - DAY AGRICULTURAL DEPARTMENTS

| | | | | | | |
|-------------------------|----------|------------|------------|-----------|------------|-----------|
| Barnstable | 62.59 | 11,898.56 | 11,921.15 | 1,416.00 | 10,442.56 | 3,398.67 |
| Boston | ----- | 46,812.78 | 46,812.78 | 8,376.00 | 38,436.78 | 19,218.39 |
| Charlton | ----- | 7,547.35 | 7,547.35 | 740.00 | 7,007.35 | 3,561.52 |
| Hadley | ----- | 5,228.83 | 5,228.83 | 1,149.00 | 4,659.83 | 2,506.00 |
| Harragansett Regional | 294.39 | 16,699.65 | 16,994.04 | 5,172.77 | 10,926.88 | 7,030.91 |
| North Brookfield | ----- | 4,557.39 | 4,557.39 | 2,767.02 | 1,790.37 | 2,692.04 |
| Pioneer Valley Regional | ----- | 7,488.98 | 7,488.98 | ----- | 7,488.98 | 4,050.82 |
| Shelburne | 1,052.00 | 6,443.75 | 7,495.75 | 5,756.90 | 686.85 | 2,677.31 |
| Silver Lake Regional | ----- | 12,203.58 | 12,203.58 | 1,416.00 | 10,687.58 | 3,439.34 |
| Stockbridge | ----- | 8,880.68 | 8,880.68 | 7,317.29 | 1,563.39 | 4,246.66 |
| Wachusett Regional | 289.68 | 14,352.54 | 14,642.22 | 4,427.00 | 9,925.54 | 5,538.33 |
| Westport | ----- | 6,565.06 | 6,565.06 | 516.00 | 6,049.06 | 3,389.32 |
| Worcester | ----- | 20,530.83 | 20,530.83 | 5,608.84 | 14,921.99 | 11,647.22 |
| TOTAL | 1,698.66 | 169,769.98 | 171,468.64 | 45,212.92 | 124,557.16 | 73,426.53 |

GROUP IV 3 - EVENING AGRICULTURAL DEPARTMENTS

| | | | | | | |
|-----------------------|-------|------------|------------|-----------|------------|-----------|
| Barnstable | ----- | 144.00 | 144.00 | 99.20 | 44.80 | 22.40 |
| Bristol County | ----- | 82,172.58 | 82,172.58 | 12,446.29 | 71,706.29 | 35,853.14 |
| Essex County | ----- | 944.55 | 944.55 | 104.00 | 840.55 | 420.27 |
| Harragansett Regional | 20.24 | 312.00 | 332.24 | 312.00 | ----- | ----- |
| Norfolk County | ----- | 91,860.17 | 91,860.17 | 15,634.00 | 76,206.17 | 38,103.09 |
| Wachusett Regional | ----- | 135.00 | 135.00 | 135.00 | ----- | ----- |
| Westport | ----- | 216.00 | 216.00 | 216.00 | ----- | ----- |
| TOTAL | 20.24 | 175,784.30 | 175,804.54 | 24,944.19 | 148,797.81 | 74,398.90 |

GROUP V 1a - PART-TIME CO-OPERATIVE DISTRIBUTIVE
OCCUPATIONAL SCHOOLS

| | | | | | | |
|--------------|-------|-----------|-----------|-----------|-----------|-----------|
| Beverly | ----- | 7,800.04 | 7,800.04 | 1,671.00 | 6,129.04 | 3,062.52 |
| Boston | ----- | 39,158.76 | 39,158.76 | 11,411.00 | 27,747.76 | 13,872.38 |
| Braintree | ----- | 9,643.40 | 9,643.40 | 3,400.00 | 6,243.40 | 3,121.70 |
| Brockton | ----- | 6,453.73 | 6,453.73 | 1,000.00 | 5,453.73 | 2,726.86 |
| Chicopee | ----- | 8,583.18 | 8,583.18 | ----- | 8,583.18 | 4,291.59 |
| Essex County | ----- | 13,733.72 | 13,733.72 | 5,237.90 | 7,926.22 | 3,963.11 |
| Fitchburg | ----- | 7,252.78 | 7,252.78 | ----- | 7,252.78 | 3,629.39 |
| Lovell | ----- | 8,753.01 | 8,753.01 | 2,916.00 | 5,827.01 | 2,913.51 |
| Malden | 72.82 | 7,237.79 | 7,310.61 | 5,627.00 | 1,680.79 | 825.40 |

| GROUP V (continued) | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|--|---|-----------|------------|------------|------------|------------|------------|
| Medford | | ---- | 21,275.69 | 21,275.69 | 5,267.00 | 16,008.69 | 8,004.35 |
| Peabody | | ---- | 14,680.70 | 14,680.70 | 2,936.00 | 11,694.70 | 5,847.35 |
| Pittsfield | | ---- | 11,124.87 | 11,124.87 | 2,370.00 | 8,754.87 | 4,377.44 |
| Quincy | | ---- | 7,487.50 | 7,487.50 | 1,707.00 | 5,780.50 | 2,890.25 |
| Salem | | ---- | 8,522.47 | 8,522.47 | 2,347.00 | 6,175.47 | 3,087.74 |
| Saugus | | ---- | 6,000.00 | 6,000.00 | 4,582.00 | 1,418.00 | 709.00 |
| Somerville | | ---- | 10,125.12 | 10,125.12 | 2,133.00 | 7,992.12 | 3,996.06 |
| Springfield | | ---- | 20,670.44 | 20,670.44 | 2,236.16 | 18,434.28 | 9,217.11 |
| Waltham | | 3,202.74 | 9,042.07 | 12,244.81 | 6,285.25 | 2,756.82 | 1,378.41 |
| Weymouth | | ---- | 5,974.92 | 5,974.92 | 5,974.92 | ---- | ---- |
| TOTAL | | 3,275.56 | 223,526.19 | 226,801.75 | 67,697.83 | 155,828.36 | 77,914.20 |
| GROUP V 3 - EVENING DISTRIBUTIVE OCCUPATIONS SCHOOLS | | | | | | | |
| Boston | | ---- | 12,596.80 | 12,596.80 | 853.61 | 11,743.19 | 5,871.59 |
| Lowell | | ---- | 352.08 | 352.08 | ---- | 352.08 | 176.04 |
| Malden | | ---- | 105.00 | 105.00 | ---- | 105.00 | 52.50 |
| Pittsfield | | ---- | 100.79 | 100.79 | ---- | 100.79 | 50.40 |
| TOTAL | | ---- | 13,154.67 | 13,154.67 | 853.61 | 12,301.06 | 6,150.53 |
| GROUP VI 1 - DAY PRACTICAL NURSING SCHOOLS | | | | | | | |
| Boston | | ---- | 31,344.96 | 31,344.96 | ---- | 31,344.96 | 15,672.48 |
| Essex County | | ---- | 37,823.58 | 37,823.58 | 270.00 | 37,553.58 | 18,776.79 |
| Fall River | | ---- | 20,279.86 | 20,279.86 | 10,131.00 | 10,148.86 | 5,072.43 |
| Lawrence | | 67.00 | 24,004.77 | 24,071.77 | 2,631.21 | 21,373.56 | 10,686.78 |
| Lowell | | 74.00 | 13,565.51 | 13,639.51 | 2,397.50 | 11,168.01 | 5,584.01 |
| North Adams - Charles H. McGann | | 113.85 | 32,959.75 | 33,073.60 | 22,131.00 | 10,821.75 | 5,410.88 |
| Northampton | | 625.61 | 22,028.13 | 22,653.74 | 22,024.13 | ---- | ---- |
| Norwood | | ---- | 16,874.89 | 16,874.89 | 8,703.34 | 8,171.55 | 4,085.78 |
| Pittsfield | | ---- | 16,099.62 | 16,099.62 | 1,060.00 | 15,039.62 | 7,519.81 |
| Silver Lake Regional | | ---- | 1,800.00 | 1,800.00 | 1,800.00 | ---- | ---- |
| Springfield | | 780.29 | 63,347.99 | 64,128.28 | 44,442.70 | 18,935.29 | 9,467.65 |
| Taunton | | ---- | 18,393.94 | 18,393.94 | 4,947.38 | 13,406.56 | 6,703.28 |
| Worcester | | 5,961.69 | 54,867.66 | 60,829.35 | 18,304.74 | 36,502.92 | 18,251.46 |
| TOTAL | | 7,622.44 | 353,390.66 | 361,013.10 | 138,924.00 | 214,462.66 | 107,231.35 |
| GROUP VI 2 - EVENING PRACTICAL NURSING SCHOOLS | | | | | | | |
| Somerville | | ---- | 958.50 | 958.50 | 191.60 | 765.90 | 382.95 |
| Springfield | | ---- | 2,145.47 | 2,145.47 | 1,270.50 | 874.97 | 437.49 |
| TOTAL | | ---- | 3,103.97 | 3,103.97 | 1,463.10 | 1,640.87 | 820.44 |
| GROUP VII 1 - DAY AREA TECHNICAL VOCATIONAL SCHOOLS | | | | | | | |
| Arlington | | 13,726.14 | 45,035.11 | 58,761.25 | 18,844.00 | 26,191.11 | 13,095.55 |
| Fall River | | ---- | 10,323.24 | 10,323.24 | 800.00 | 9,523.24 | 4,761.62 |
| Leominster | | 6,453.38 | 13,899.74 | 20,353.12 | 6,800.00 | 7,099.74 | 3,549.87 |
| Lynn | | 798.10 | 30,751.01 | 31,549.11 | 1,045.00 | 29,706.01 | 14,853.01 |
| Marlboro | | 15,538.50 | 20,683.24 | 36,221.74 | 16,011.00 | 4,672.24 | 2,336.12 |
| Medford | | 2,129.57 | 17,995.09 | 20,124.66 | 5,000.00 | 12,995.09 | 6,497.55 |
| New Bedford | | 4,616.07 | 25,115.53 | 29,731.60 | 2,617.93 | 22,497.60 | 11,248.80 |

| | | | | | | |
|-------------|-----------|------------|------------|------------|------------|------------|
| Newton | ----- | 13,624.19 | 13,624.19 | ----- | 13,624.19 | 6,812.10 |
| Pittsfield | ----- | 62,425.16 | 62,425.16 | 3,453.93 | 58,971.23 | 29,425.62 |
| South Shore | ----- | 14,924.71 | 14,924.71 | 1,474.47 | 13,450.24 | 6,725.02 |
| Springfield | 15,380.06 | 101,715.18 | 117,095.27 | 40,118.20 | 61,596.98 | 30,798.19 |
| Weymouth | 5,358.21 | 23,220.04 | 28,578.27 | ----- | 23,220.04 | 11,610.02 |
| Worcester | 21,434.32 | 97,048.73 | 118,483.07 | 86,433.18 | 10,615.55 | 5,307.78 |
| TOTAL | 85,434.37 | 476,760.97 | 562,195.34 | 182,597.91 | 294,163.06 | 147,001.55 |

GROUP VII 2 - EVENING AREA TECHNICAL VOCATIONAL SCHOOLS

| | | | | | | |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Fall River | 10,526.40 | 684.04 | 11,310.44 | 33.50 | 650.54 | 325.27 |
| Framingham | ----- | 5,254.50 | 5,254.50 | 3,107.00 | 2,147.50 | 1,073.75 |
| Leominster | ----- | 2,403.50 | 2,403.50 | 432.00 | 1,971.50 | 985.75 |
| Lynn | ----- | 2,343.62 | 2,343.62 | 839.30 | 1,504.32 | 752.16 |
| Marlboro | ----- | 1,840.00 | 1,840.00 | 269.40 | 1,570.60 | 785.30 |
| Medford | ----- | 2,532.00 | 2,532.00 | ----- | 2,532.00 | 1,266.00 |
| New Bedford | ----- | 1,707.73 | 1,707.73 | 1,233.25 | 474.48 | 237.24 |
| Pittsfield | ----- | 2,274.10 | 2,274.10 | 2,200.00 | 74.10 | 37.05 |
| Quincy | ----- | 7,990.46 | 7,990.46 | 1,644.70 | 6,345.76 | 3,172.88 |
| South Shore | ----- | 1,415.00 | 1,415.00 | 405.60 | 1,009.40 | 504.70 |
| Springfield | 556.99 | 3,339.60 | 3,896.59 | 3,339.60 | ----- | ----- |
| Waltham | ----- | 1,250.21 | 1,250.21 | 751.80 | 498.41 | 249.22 |
| Westfield | ----- | 1,634.75 | 1,634.75 | 415.40 | 1,219.35 | 609.67 |
| Worcester | ----- | 4,650.16 | 4,650.16 | ----- | 4,650.16 | 2,325.08 |
| TOTAL | 11,183.39 | 39,319.67 | 50,503.04 | 14,671.55 | 24,648.12 | 12,324.07 |

| | | | | | | |
|--------------------------------------|------------|---------------|---------------|--------------|---------------|--------------|
| Boys' Day Industrial | 796,911.22 | 8,802,661.16 | 9,599,572.34 | 1,450,905.28 | 7,351,755.88 | 3,675,878.03 |
| Fisheries | 410.59 | 7,741.97 | 8,152.56 | 3,200.00 | 4,951.97 | 2,270.99 |
| Boys' Trade Preparatory | ----- | 14,353.98 | 14,353.98 | 3,168.20 | 11,185.78 | 5,592.92 |
| Girls' Day Industrial | 15,696.52 | 769,727.00 | 785,423.52 | 120,710.09 | 664,016.91 | 324,568.47 |
| Girls' Trade Preparatory | ----- | 4,496.53 | 4,496.53 | 30.00 | 4,466.53 | 2,233.27 |
| Industrial Departments | ----- | 497,856.56 | 497,856.56 | 24,128.63 | 473,727.93 | 236,863.97 |
| Part-time Cooperative Trade | 1,604.43 | 428,708.82 | 430,313.29 | 44,515.52 | 384,194.30 | 192,097.16 |
| Men's Evening Industrial | 2,162.17 | 274,876.59 | 277,039.04 | 74,240.31 | 200,636.28 | 100,318.20 |
| Evening Trade Extension (Women) | ----- | 826.69 | 826.69 | 36.00 | 790.69 | 395.40 |
| Evening Apprenticeship | 1,780.35 | 154,227.78 | 156,008.13 | 98,799.97 | 55,427.81 | 27,713.93 |
| Day Household Arts Schools | 9,404.70 | 443,648.64 | 452,073.31 | 149,903.61 | 293,785.03 | 146,892.63 |
| Day Household Arts Departments | 2,195.40 | 330,616.38 | 327,000.09 | 19,225.15 | 306,579.94 | 152,789.87 |
| Evening Practical Art | 5,413.27 | 793,541.36 | 798,954.63 | 131,808.68 | 661,732.68 | 330,866.00 |
| Agricultural Schools | 18,832.78 | 1,411,956.55 | 1,336,827.64 | 285,710.81 | 1,046,834.72 | 521,417.36 |
| Day Agricultural Departments | 1,691.66 | 169,769.98 | 171,468.62 | 45,217.82 | 124,557.16 | 73,446.53 |
| Evening Agricultural Departments | 20.74 | 175,784.30 | 175,804.54 | 26,946.49 | 148,777.81 | 74,398.90 |
| Cooperative Distributive Occupations | 3,275.56 | 223,526.19 | 226,801.79 | 67,647.83 | 151,448.36 | 77,914.20 |
| Evening Distributive Occupations | ----- | 13,154.67 | 13,154.67 | 853.61 | 12,301.06 | 6,150.53 |
| Day Practical Nursing | 7,622.44 | 353,390.66 | 361,013.10 | 130,988.00 | 214,462.66 | 107,231.35 |
| Evening Practical Nursing | ----- | 3,103.97 | 3,103.97 | 1,463.10 | 1,640.87 | 820.44 |
| Day Area Vocational | 85,434.37 | 476,760.97 | 562,195.34 | 182,597.91 | 294,163.06 | 147,001.55 |
| Evening Area Vocational | 11,183.39 | 39,319.67 | 50,503.04 | 14,671.55 | 24,648.12 | 12,324.07 |
| GRAND TOTALS | 932,644.39 | 15,390,298.42 | 16,352,936.81 | 2,884,793.56 | 12,416,075.15 | 6,219,185.77 |

Table No. 3 - Consolidated Summary of Receipts and Expenditures by Schools

in Cities, Towns, Counties, and Regions - Vocational Education

School Year Ending June 30, 1964

| CITIES, TOWNS
COUNTIES AND REGIONS | EXPENDITURES | | | | RECEIPTS | | | |
|--|-------------------------|-----------------------|---|--------------|----------------------------------|---|-----------------|---|
| | Capital
Expenditures | School
Maintenance | Tuition and
Transportation
(Paid to other
school district) | Total | Income
Received
by schools | State Reimbursement
(Net Maintenance,
Tuition, and
Transportation)
Table 3A | Total
Income | Net cost to
Cities, Towns,
Counties, and
Regions |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Abington - III 3 | --- | 1,680.00 | 6,322.35 | 8,002.35 | 82.00 | 3,960.18 | 4,042.18 | 3,960.17 |
| Adams - III 1b | --- | 6,041.65 | 230.47 | 6,272.12 | 56.00 | 3,108.06 | 3,164.06 | 3,108.06 |
| Agawam - III 3 | --- | 5,893.03 | 18,242.75 | 24,135.78 | 805.00 | 11,665.40 | 12,470.40 | 11,665.38 |
| Amherst-Pelham Reg. III 3 | --- | 4,276.00 | --- | 4,276.00 | 1,904.00 | 1,186.00 | 3,090.00 | 1,186.00 |
| Andover - III 3 | --- | 3,695.00 | 3,293.20 | 6,988.20 | 228.00 | 3,360.10 | 3,608.10 | 3,380.10 |
| Apponequet Reg. I 1a, 2c, III 1b, 3 | 700.22 | 63,218.16 | --- | 63,918.38 | 21,527.19 | 20,845.49 | 42,372.68 | 21,545.70 |
| Arlington - I 1a, 2a, III 3, VII 1 | 16,035.10 | 175,329.37 | 2,823.92 | 194,188.39 | 38,785.32 | 69,683.98 | 108,469.30 | 85,719.09 |
| Athol - III 3 | --- | 2,898.80 | 21,754.56 | 24,653.36 | --- | 12,326.68 | 12,326.68 | 12,326.68 |
| Attleboro - I 1a | 1,212.78 | 123,066.74 | 2,341.18 | 126,620.70 | 6,955.76 | 59,226.08 | 66,181.84 | 60,438.86 |
| Auburn - III 3 | --- | 5,113.80 | 16,447.58 | 21,561.38 | 503.00 | 10,529.20 | 11,032.20 | 10,529.18 |
| Avon - I 1a | --- | 19,913.69 | 4,363.80 | 24,277.49 | 545.45 | 11,846.02 | 12,411.47 | 11,866.02 |
| Barnstable - I 1a, 2c, III 1b,
3, IV 1b, 3 | 1,926.73 | 126,123.80 | 141.60 | 128,192.13 | 12,830.48 | 54,894.86 | 67,725.34 | 60,466.79 |
| Bedford - III 3 | --- | 6,655.49 | 1,353.85 | 8,009.34 | 1,026.50 | 3,491.43 | 4,517.93 | 3,491.41 |
| Belchertown - III 1b, 3 | --- | 4,856.66 | 18,535.68 | 23,392.34 | 320.00 | 11,982.72 | 12,302.72 | 11,089.62 |
| Belmont - I 1a, III 3 | 404,799.53 | 86,441.10 | 1,591.53 | 492,832.16 | 11,637.07 | 38,197.79 | 49,834.86 | 442,997.30 |
| Beverly - I 1a, 2a, 2c, III 1b,
3, V 1a | 1,329.15 | 165,545.20 | 1,332.31 | 168,206.66 | 23,769.75 | 71,553.88 | 95,323.63 | 72,883.03 |
| Billerica - III 3 | --- | 4,005.00 | 4,850.06 | 8,855.06 | 387.00 | 4,234.03 | 4,621.03 | 4,234.03 |
| Boston - I 1a, 1b, 1b, 1c, 2a,
2c, 2d, III 3, IV 1b, V 1a,
3, VI 1 | 8,035.44 | 2,190,372.24 | 6,298.10 | 2,204,705.78 | 224,774.14 | 985,948.12 | 1,210,722.26 | 993,983.52 |
| Bourne - III 1b, 3 | --- | 13,246.82 | 7,184.55 | 20,431.37 | 743.00 | 9,844.19 | 10,587.19 | 9,844.18 |
| Braintree - III 3, V 1a | --- | 13,145.25 | 15,968.46 | 29,113.71 | 3,975.00 | 12,569.36 | 16,544.36 | 12,569.35 |
| Bridgewater - III 3 | --- | 1,344.00 | 4,170.60 | 5,514.60 | 111.00 | 2,701.81 | 2,812.81 | 2,701.79 |
| Bristol County - IV 1a, 3 | 4,130.77 | 433,179.04 | --- | 437,309.81 | 73,850.00 | 179,664.52 | 253,514.52 | 183,777.29 |
| Brockton - I 1a, 2c, 2d III 3, V 1a | 2,001.73 | 121,753.65 | 5,771.48 | 129,526.86 | 35,639.15 | 45,942.99 | 81,582.14 | 47,944.72 |
| Brookline - III 3 | 225.53 | 37,143.48 | 2,153.83 | 39,522.84 | 3,683.30 | 17,807.01 | 21,490.31 | 18,032.53 |
| Burlington - III 3 | --- | 3,381.43 | 12,299.74 | 15,681.17 | --- | 7,840.58 | 7,840.58 | 7,840.59 |
| Cambridge - I 1a, III 1a, 3 | --- | 84,910.50 | 3,205.12 | 88,115.62 | 4,292.00 | 41,911.81 | 46,203.81 | 41,911.81 |
| Canton - III 3 | --- | 5,222.00 | 4,556.43 | 9,778.43 | 294.00 | 4,742.22 | 5,036.22 | 4,742.21 |
| Charlton - III 1b, IV 1b | --- | 12,529.30 | 4,579.17 | 14,709.24 | 540.00 | 7,142.47 | 7,682.47 | 7,026.77 |
| Chatham - III 3 | --- | 1,888.21 | 4,579.17 | 6,467.38 | 300.00 | 3,033.69 | 3,383.69 | 3,083.69 |
| Chelmsford - III 3 | --- | 3,900.84 | 4,133.80 | 8,034.64 | 3,341.60 | 2,346.53 | 5,688.13 | 2,346.51 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|--|-----------|------------|-----------|------------|------------|------------|------------|------------|
| Chicopee - I la, 2c ¹ , III 3,
V la | --- | 189,510.86 | 18,550.77 | 208,061.63 | 19,634.46 | 94,213.59 | 113,848.05 | 94,213.58 |
| Concord-Carlisle Reg. - III 3 | --- | 10,373.92 | --- | 10,373.93 | 2,299.00 | 4,037.47 | 6,336.47 | 4,037.46 |
| Danvers - III 3 | --- | 5,290.00 | 6,191.64 | 11,481.64 | 2,328.90 | 4,576.37 | 6,905.27 | 4,576.37 |
| Dartmouth - I la, III lb, 3 | 147.30 | 28,934.05 | 6,473.41 | 35,554.76 | 471.35 | 19,968.06 | 20,439.41 | 15,115.35 |
| Dighton - III 3 | --- | 661.00 | 606.04 | 1,267.04 | --- | 633.52 | 633.52 | 633.52 |
| Dighton-Rahoboth Reg. - I la,
2c ¹ | 951.44 | 56,380.57 | --- | 57,332.01 | 17,132.53 | 19,599.02 | 36,781.55 | 20,590.46 |
| Douglas - III 3 | --- | 540.20 | 780.23 | 1,320.43 | 540.20 | 390.12 | 990.32 | 390.11 |
| Dover - III 3 | --- | 1,024.00 | 1,704.75 | 2,728.75 | --- | 1,364.38 | 1,364.38 | 1,364.37 |
| Duxbury - III lb, 3 | --- | 6,044.38 | 2,392.40 | 8,436.78 | 69.80 | 4,183.49 | 4,253.29 | 4,183.49 |
| Easthampton - III 3 | --- | 1,948.--- | 43,473.23 | 45,421.23 | 282.00 | 22,940.43 | 23,222.43 | 22,198.80 |
| East Longmeadow - III 3 | --- | 2,534.90 | 21,95.26 | 24,489.16 | 223.00 | 12,461.38 | 12,684.38 | 11,804.78 |
| Easton - III lb, 3 | --- | 9,928.23 | 837.26 | 10,765.49 | 463.00 | 5,151.25 | 5,614.25 | 5,151.24 |
| Essex - III 3 | --- | 785.00 | 2,151.95 | 2,936.95 | 47.00 | 1,444.98 | 1,491.98 | 1,444.97 |
| Essex County - I lb, III 3,
IV la, 3, V la, VI 1 | 652.00 | 700,979.84 | --- | 701,631.84 | 127,497.37 | 286,741.24 | 414,238.61 | 287,393.23 |
| Everett - I la, III la, 3 | 1,137.49 | 238,110.48 | 3,507.98 | 242,755.95 | 21,752.50 | 109,932.99 | 131,685.49 | 111,070.46 |
| Fall River - I la, lb, lb ¹ , 2c ¹ ,
III la, lb, 3, VI 1, VII 1,2 | 14,270.76 | 290,000.54 | 466.80 | 304,738.10 | 18,566.41 | 135,950.48 | 154,516.89 | 150,221.21 |
| Falmouth - III lb, 3 | --- | 6,248.56 | 68.80 | 6,317.36 | --- | 3,158.68 | 3,158.68 | 3,158.68 |
| Fitchburg - I la, la ¹ , 2a, 2d, V
la | 54.95 | 99,042.26 | 11,036.64 | 110,133.85 | 6,140.72 | 51,969.11 | 58,109.83 | 52,024.02 |
| Foxboro - III lb, 3 | 277.00 | 13,767.23 | 6,586.25 | 20,630.48 | 1,723.00 | 9,315.25 | 11,038.25 | 9,592.23 |
| Framingham - I la, la ¹ , 2c ¹ , VII 2 | 149.50 | 114,552.48 | 3,567.37 | 118,269.35 | 22,879.39 | 47,620.23 | 70,499.62 | 47,769.73 |
| Franklin - III 3 | --- | 3,502.42 | 4,413.16 | 7,915.58 | 255.60 | 3,829.99 | 4,085.59 | 3,829.99 |
| Frontier Reg. - III 3 | --- | 1,787.00 | --- | 1,787.00 | 1,457.00 | 165.00 | 1,622.00 | 165.00 |
| Gardner - III 3 | --- | 7,255.13 | 14,119.47 | 21,374.60 | 3,870.10 | 8,752.26 | 12,622.36 | 8,752.24 |
| Gloucester - I la, la (fisheries),
III 3 | 5,376.24 | 110,554.65 | 3,865.10 | 119,735.99 | 5,053.60 | 54,683.09 | 59,736.69 | 60,059.30 |
| Greenfield - I la, 2c ¹ , III 3 | --- | 129,536.27 | 1,340.55 | 130,926.82 | 59,146.16 | 35,890.34 | 95,036.50 | 35,890.32 |
| Hadley - III lb, 3, IV lb | --- | 11,193.33 | 8,791.79 | 19,985.12 | 1,419.00 | 9,459.15 | 10,878.15 | 9,106.97 |
| Hanover - III 3 | --- | 3,361.00 | 1,059.69 | 4,420.69 | 1,195.00 | 1,612.90 | 2,807.90 | 1,612.79 |
| Harwich - III 3 | --- | 2,142.00 | 5,562.52 | 7,704.52 | 324.00 | 3,690.26 | 4,014.26 | 3,690.26 |
| Haverhill - I la, 2a, 2c ¹ , 2d,
III lb, 3 | 10,001.84 | 396,922.91 | 4,717.34 | 411,642.09 | 114,642.25 | 143,499.01 | 258,141.26 | 153,504.83 |
| Hingham - III 3 | --- | 2,857.00 | 9,838.66 | 12,695.66 | 1,420.00 | 5,637.83 | 7,057.83 | 5,637.83 |
| Holbrook - III 3 | --- | 2,290.00 | 8,275.23 | 10,565.23 | 75.60 | 5,244.82 | 5,324.42 | 5,244.81 |
| Holyoke - I la, 2a, 2c ¹ , 2d
III 3 | 2,347.71 | 232,537.44 | 7,591.04 | 242,416.19 | 37,018.81 | 101,524.85 | 138,543.66 | 103,872.53 |
| Hudson - III lb, 3 | --- | 7,177.72 | 6,796.78 | 13,974.50 | 300.00 | 6,837.25 | 7,137.25 | 6,837.25 |
| Hull - III 3 | --- | 2,476.05 | 4,759.87 | 7,235.92 | 723.00 | 3,256.47 | 3,979.47 | 3,256.45 |
| King Philip Reg. - I la, 2c ¹ ,
2d, III lb, 3 | 1,718.96 | 79,959.93 | --- | 81,678.89 | 8,780.83 | 35,589.56 | 44,370.39 | 37,308.50 |
| Lawrence - I 2c, 2d, III 3, VI 1 | 948.35 | 66,552.86 | 18,629.19 | 86,130.40 | 6,086.01 | 39,767.40 | 45,853.41 | 40,276.99 |
| Lee - III lb | --- | 5,170.14 | 994.20 | 6,164.34 | --- | 3,082.17 | 3,082.17 | 3,082.17 |
| Lenox - III 3 | --- | 705.00 | 1,799.55 | 2,504.55 | --- | 1,252.28 | 1,252.28 | 1,252.27 |
| Lemonister - I la, la ¹ , 2c ¹ , 2d
III 3, VII 1, 2 | 7,597.19 | 131,718.29 | 5,853.70 | 145,169.18 | 21,297.56 | 58,137.22 | 79,434.78 | 65,734.40 |
| Lexington - III 3 | --- | 10,292.78 | 7,372.91 | 17,665.69 | 3,819.50 | 6,923.10 | 10,742.60 | 6,923.09 |
| Lowell - I la, 2c ¹ , 2d, III la,
3, V la, 3, VI 1 | 324.00 | 344,987.31 | 22,791.57 | 348,102.88 | 34,426.04 | 146,676.45 | 181,102.49 | 167,000.39 |
| Lunenburg - III 3 | --- | 1,884.80 | 3,636.40 | 5,521.20 | 870.00 | 2,325.60 | 3,195.60 | 2,325.60 |
| Lynn - I la, la ¹ , 2c ¹ , 2d, III 3,
VII 1, 2 | 5,049.20 | 377,143.29 | 4,919.42 | 387,151.91 | 42,746.12 | 169,658.32 | 21,404.44 | 174,747.47 |
| Maher, Ralph C., Reg. - III 3 | --- | 2,518.73 | --- | 2,518.73 | 234.00 | 1,142.36 | 1,376.36 | 1,142.37 |
| Malden - I la, 2c ¹ , 2d, V la, 3 | 613.44 | 98,845.00 | 13,598.15 | 113,056.59 | 13,234.31 | 49,605.44 | 62,837.75 | 50,218.84 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|-----------|------------|-----------|------------|------------|------------|------------|------------|
| Manchester - III 3 | --- | 1,648.10 | 125.10 | 1,773.20 | 460.00 | 656.60 | 1,116.60 | 656.60 |
| Marlboro - I 1a, 2c ¹ , 2d,
VII 1, 2 | 26,906.19 | 96,682.99 | 6,550.23 | 130,139.41 | 39,000.95 | 32,116.15 | 71,117.10 | 59,022.31 |
| Marshfield - III 1b | --- | 10,358.53 | 3,018.08 | 13,386.61 | --- | 6,693.31 | 6,693.31 | 6,693.30 |
| Medford - I 1a, 2c ¹ , 2d, III
3, V 1a, VII 1, 2 | 2,265.06 | 260,595.05 | 4,181.06 | 267,041.17 | 43,110.84 | 110,832.65 | 153,943.49 | 113,097.68 |
| Melrose - III 3 | --- | 4,356.50 | 11,113.21 | 15,469.71 | 1,245.00 | 7,102.36 | 8,367.36 | 7,102.35 |
| Methuen - III 3 | --- | 5,845.84 | 18,681.94 | 24,527.78 | 186.00 | 12,170.89 | 12,356.89 | 12,170.89 |
| Middleboro - III 3 | --- | 1,055.27 | 14,343.83 | 15,399.10 | 64.00 | 7,667.56 | 7,731.56 | 7,667.54 |
| Milford - III 3 | --- | 4,839.78 | 6,221.68 | 11,061.46 | 440.00 | 5,310.74 | 5,750.74 | 5,310.72 |
| Millis - III 3 | --- | 1,125.00 | 716.10 | 1,841.10 | 245.00 | 778.05 | 1,043.05 | 778.05 |
| Milton - III 3 | --- | 5,578.10 | 6,460.37 | 12,038.47 | 1,507.00 | 5,265.74 | 6,772.74 | 5,265.73 |
| Montague - III 3 | --- | 2,414.75 | 6,428.30 | 8,843.05 | 751.40 | 4,045.84 | 4,797.24 | 4,045.81 |
| Nantucket - I 1a | --- | 29,004.40 | --- | 29,004.40 | 3,282.10 | 12,861.15 | 16,143.25 | 12,861.15 |
| Narragansett Reg. - III 1b, 3,
IV 1b, 3 | 314.63 | 25,342.38 | --- | 25,657.01 | 6,581.57 | 10,947.89 | 17,529.46 | 8,127.55 |
| New Bedford - I 1a, 2c ¹ , III
1a, 3, VII 1, 2 | 17,905.61 | 591,187.24 | 4,562.40 | 613,655.45 | 137,641.67 | 229,054.10 | 366,695.77 | 246,959.68 |
| Newburyport - III 1b | 778.23 | 16,809.64 | 6,431.90 | 24,019.77 | 5,012.67 | 9,114.44 | 14,127.11 | 9,892.66 |
| New Salem - I 1a, III 1a, IV
1a | 1,257.92 | 82,706.17 | 538.50 | 84,502.59 | 61,881.78 | 10,641.45 | 72,563.23 | 11,939.36 |
| Newton - I 1a, 2a, 2c ¹ , 2d,
III 3, VII 1 | 9,301.22 | 325,356.17 | 1,592.55 | 336,249.94 | 58,372.15 | 134,288.29 | 192,660.44 | 143,589.50 |
| Norfolk County - IV 1a, 3 | 9,306.02 | 508,617.03 | --- | 517,923.05 | 90,107.43 | 209,254.80 | 299,362.23 | 218,560.82 |
| North Adams - III 1b, 3 | --- | 14,850.30 | --- | 14,850.30 | 1,261.63 | 6,794.33 | 8,055.96 | 6,794.34 |
| North Adams - McCann - I 1a,
1a ¹ , 2c ¹ , VI 1 | 73,667.63 | 330,827.09 | --- | 404,494.72 | 143,877.89 | 93,474.61 | 237,352.50 | 167,142.22 |
| Northampton - I 1a, 2c ¹ ,
III 1a, 3, IV 1a, VI 1 | 22,214.72 | 316,378.67 | 9,836.08 | 348,429.47 | 131,031.12 | 97,591.84 | 228,622.96 | 119,806.51 |
| North Attleboro - III 3 | --- | 3,477.92 | 7,918.96 | 11,396.88 | 219.40 | 4,758.47 | 4,977.87 | 6,419.01 |
| Northbridge - I 1a, 1a ¹ , III
1b, 3 | 72.59 | 24,089.42 | 10,648.71 | 34,810.72 | 690.73 | 17,023.71 | 17,714.44 | 17,096.28 |
| North Brookfield - III 1b, IV
1b | --- | 7,116.78 | 4,249.13 | 11,365.91 | 2,767.02 | 6,096.31 | 8,863.33 | 2,502.58 |
| North Reading - III 3 | --- | 4,515.00 | 6,456.11 | 16,371.11 | 1,196.25 | 4,887.44 | 6,083.69 | 4,887.42 |
| Norwell - III 3 | --- | 1,515.00 | 809.30 | 2,324.30 | 617.38 | 853.46 | 1,470.84 | 853.46 |
| Norwood - I 1b, III 3, VI 1 | 1,863.51 | 138,823.00 | 2,725.37 | 143,411.88 | 49,750.14 | 45,899.12 | 95,649.26 | 47,762.62 |
| Old Rochester Reg. - III 3 | --- | 2,060.00 | --- | 2,060.00 | 113.00 | 973.50 | 1,086.50 | 973.50 |
| Palmer - III 1b, 3 | --- | 12,138.72 | 15,580.69 | 27,719.41 | --- | 13,059.71 | 13,059.71 | 14,659.70 |
| Pembury - I 1a, V 1a | 146.32 | 85,054.67 | 2,556.94 | 87,757.93 | 8,273.69 | 39,668.96 | 47,942.65 | 39,815.28 |
| Pioneer Valley Reg. - III 3,
IV 1b | --- | 8,738.98 | --- | 8,738.98 | 207.20 | 4,602.22 | 4,809.42 | 3,929.56 |
| Pittsfield - I 1a, 2a, 2c ¹ ,
2d, III 1b, 3, V 1a, 3, VI 1,
VII 1, 2 | 191.35 | 326,098.97 | 2,994.25 | 329,284.57 | 38,027.11 | 145,533.08 | 183,560.19 | 145,724.38 |
| Plymouth - III 3 | --- | 2,430.60 | 5,005.10 | 7,435.70 | 426.00 | 3,504.85 | 3,930.85 | 3,504.85 |
| Provincetown - I 1a, 2c ¹ ,
III 1b, 3 | 2,145.29 | 25,828.95 | --- | 27,974.24 | 2,539.57 | 11,644.69 | 14,184.26 | 13,789.98 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|--|-----------|--------------|-----------|--------------|------------|------------|------------|------------|
| Quincy - I 1a, 2c ¹ , 2d, III 3,
V 1a, VII 2 | 7,455.49 | 284,845.17 | 12,568.47 | 304,869.13 | 38,773.80 | 129,319.92 | 168,093.72 | 136,775.41 |
| Randolph - I 1a, III 3 | ---- | 27,244.54 | 12,672.89 | 39,917.43 | 834.05 | 20,577.08 | 21,411.13 | 18,506.30 |
| Reading - III 3 | ---- | 4,242.00 | 5,011.35 | 9,253.35 | 1,092.00 | 4,713.51 | 5,805.51 | 3,447.84 |
| Rehoboth - III 3 | ---- | 821.25 | 680.98 | 1,502.23 | 50.00 | 872.72 | 922.72 | 579.51 |
| Revere - III 3 | ---- | 2,383.00 | 23,514.48 | 25,897.48 | 300.00 | 13,456.64 | 13,756.64 | 12,140.84 |
| Rockland - III 3 | ---- | 3,630.07 | 1,915.84 | 5,545.91 | 199.00 | 2,730.61 | 2,929.61 | 2,616.30 |
| Salem - I 1a, 2c ¹ , III 1b, 3,
V 1a | 10,672.20 | 109,276.56 | 2,954.41 | 122,903.17 | 7,676.65 | 52,277.17 | 59,953.82 | 62,949.35 |
| Saugus - III 1b, 3, V 1a | 221.97 | 19,015.06 | 9,250.23 | 28,487.26 | 5,253.00 | 11,506.15 | 16,759.15 | 11,728.11 |
| Scituate - III 1b, 3 | ---- | 7,042.12 | 2,013.00 | 9,055.12 | 189.00 | 4,433.06 | 4,622.06 | 4,433.06 |
| Shelburne - III 3, IV 1b | 1,052.00 | 7,501.79 | 2,778.47 | 11,332.26 | 6,246.50 | 4,350.77 | 10,597.27 | 734.99 |
| Silver Lake Reg. - I 1a, III 1b,
3, IV 1b, VI 1 | ---- | 73,049.49 | ---- | 73,049.49 | 6,648.65 | 31,295.98 | 37,944.63 | 35,104.86 |
| Somerset - III 3 | ---- | 3,578.56 | 1,906.10 | 5,484.66 | 31.80 | 2,726.43 | 2,758.23 | 2,726.43 |
| Somerville - I 1a, 2c ¹ , III 1b,
3, V 1a, VI 2 | 5,482.14 | 237,710.80 | 8,306.77 | 251,499.71 | 14,914.04 | 115,551.78 | 130,465.82 | 121,033.89 |
| Southbridge - I 1a, 2a, 2c ¹ ,
III 3 | 7,640.14 | 124,512.18 | 3,306.89 | 135,459.21 | 6,602.75 | 60,608.18 | 67,210.93 | 68,248.28 |
| South Hadley - III 3 | ---- | 2,305.18 | 22,170.86 | 24,476.04 | 1,380.00 | 11,548.02 | 12,928.02 | 11,548.02 |
| South Shore - I 1a, 2c ¹ , VII 1, 2 | 45,014.23 | 252,478.25 | ---- | 297,492.48 | 86,755.51 | 82,861.37 | 169,616.88 | 127,875.60 |
| Spencer - III 3 | ---- | 1,223.00 | 17,150.07 | 18,373.07 | 415.50 | 8,978.78 | 9,394.28 | 8,978.79 |
| Springfield - I 1a, 1b, 1b ¹ , 2a,
2c ¹ , 2c ² , 2d, III 1a, 3,
V 1a, VI 1, 2, VII 1, 2 | 34,600.73 | 1,103,345.43 | ---- | 1,137,946.16 | 309,609.34 | 396,868.13 | 706,477.47 | 431,468.69 |
| Stockbridge - IV 1b | ---- | 8,880.68 | 253.00 | 9,133.68 | 7,347.29 | 4,373.16 | 11,720.45 | 2,586.77 |
| Stoughton - III 3 | ---- | 2,985.73 | 17,367.37 | 20,353.10 | 489.40 | 10,255.13 | 10,744.53 | 9,608.57 |
| Swampscott - III 3 | ---- | 2,636.00 | 2,028.13 | 4,664.13 | 1,092.00 | 1,786.07 | 2,878.07 | 1,786.06 |
| Swansea - I 1a, III 3 | ---- | 15,959.66 | 1,522.95 | 17,482.61 | 1,057.20 | 8,212.72 | 9,269.92 | 8,212.69 |
| Taunton - I 1a, 2c ¹ , 2d, III 3,
VI 1 | 103.28 | 98,844.46 | 1,059.40 | 100,007.14 | 24,778.00 | 37,562.94 | 62,340.94 | 37,666.20 |
| Tewksbury - III 1b, 3 | ---- | 8,391.83 | 11,369.75 | 19,761.58 | 234.00 | 9,763.80 | 9,997.80 | 9,763.78 |
| Truro - III 3 | ---- | 470.00 | 2,058.90 | 2,528.90 | ---- | 1,264.45 | 1,264.45 | 1,264.45 |
| Wachusett Reg. - III 1b, IV 1b, 3 | 1,087.96 | 228,899.91 | ---- | 23,987.87 | 4,562.00 | 9,744.52 | 14,306.52 | 9,681.35 |
| Wakefield - III 3 | ---- | 6,200.62 | 10,857.10 | 17,057.72 | 1,954.00 | 7,551.86 | 9,505.86 | 7,551.86 |
| Waltham - I 1a, 1a ¹ , 2c ¹ , III 3,
V 1a, VII 2 | 12,260.62 | 239,636.13 | 3,602.84 | 255,499.59 | 30,112.74 | 106,563.15 | 136,675.89 | 118,823.70 |
| Ware - III 3 | ---- | 975.00 | 17,915.30 | 18,890.30 | 975.00 | 9,265.66 | 10,240.66 | 8,649.64 |
| Wareham - I 1a, III 1b, 3 | 238.93 | 26,962.81 | 1,364.52 | 28,566.26 | 1,780.76 | 13,314.94 | 15,095.70 | 13,470.56 |
| Webster - I 1a, 2c ¹ , III 3 | 861.70 | 64,459.14 | 11,467.05 | 76,787.89 | 16,207.68 | 30,243.56 | 46,451.24 | 30,336.65 |
| Wellesley - III 3 | ---- | 9,711.39 | 3,049.95 | 12,761.34 | 5,402.00 | 3,679.68 | 9,081.68 | 3,679.66 |
| West Bridgewater - III 1b, 3 | ---- | 11,304.84 | 6,091.12 | 17,395.96 | 1,076.50 | 8,159.73 | 9,236.23 | 8,159.73 |
| Westfield - I 1a, 1a ¹ , 2a, 2c ¹ ,
III 3, VII 2 | 2,096.68 | 268,650.66 | 13,360.47 | 284,107.81 | 20,760.22 | 130,625.46 | 151,385.68 | 132,722.13 |
| Westport - III 1b, 3, IV 1b, 3 | ---- | 12,760.37 | 6,531.97 | 19,292.34 | 732.00 | 9,644.98 | 10,376.98 | 8,915.36 |
| West Springfield - III 3 | ---- | 3,415.39 | 20,261.78 | 23,677.17 | 1,031.00 | 11,323.09 | 12,354.09 | 11,323.08 |
| Westwood - III 3 | ---- | 5,345.00 | 738.52 | 6,083.52 | 562.00 | 2,760.76 | 3,322.76 | 2,760.76 |
| Weymouth - I 1a, 2c ¹ , 2d, III 3,
V 1a, VII 1 | 9,189.96 | 259,735.61 | 10,057.19 | 278,982.76 | 47,608.12 | 111,092.35 | 158,700.47 | 120,282.29 |
| Whitman-Hanson Reg. - III 3 | ---- | 4,243.00 | ---- | 4,243.00 | 738.00 | 1,752.50 | 2,490.50 | 1,752.50 |
| Wilmington - III 3 | ---- | 3,745.10 | 6,787.37 | 10,532.47 | 195.00 | 5,168.74 | 5,363.74 | 5,168.73 |
| Winchendon - III 1b, 3 | ---- | 15,184.70 | 6,183.07 | 21,367.77 | 3,677.28 | 8,845.25 | 12,522.53 | 8,845.24 |
| Woburn - III 3 | ---- | 7,275.60 | 13,770.97 | 21,046.57 | 472.50 | 10,287.04 | 10,759.54 | 10,287.03 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---------------------|--------------------------|--------------------|--------------------------|----------------------|------------------------|------------------------|---------------------------|
| Worcester - I 1a, 1b, 2c1, 2d,
III 1a, 3, IV 1b, VI 1,
VII 1, 2
Yarmouth - III 3 | 164,277.52
----- | 1,227,767.01
3,521.51 | 449.50
3,446.18 | 1,392,494.03
6,967.69 | 319,980.46
690.30 | 458,304.27
3,138.67 | 778,284.73
3,228.97 | 614,209.30
3,138.72 |
| SUB-TOTAL | 962,646.39 | 15,390,291.42 | 924,883.23 | 17,277,821.04 | 2,884,793.56 | 6,722,161.15 | 9,606,955.01 | 7,673,452.80
2,586.77* |
| Cost to places paying tuition
and the transportation for, but
not maintaining these types of
schools | ----- | ----- | 1,134,402.03 | 1,134,402.03 | ----- | 575,385.36 | 575,385.36 | 559,016.67 |
| TOTAL - All Schools | 962,646.39 | 15,390,291.42 | 2,059,285.26 | 18,412,223.07 | 2,884,793.56 | 7,297,546.81 | 10,182,340.37 | 7,229,882.70 |
| State Administration
Expenditures | ----- | 310,412.08 | ----- | 310,412.08 | 184,449.46 | ----- | 184,449.46 | 125,962.62 |
| TOTALS | 962,646.39 | 15,700,703.50 | 2,059,285.26 | 18,722,635.15 | 3,069,243.02 | 7,297,546.81 | 10,366,789.83 | 7,355,845.32 |

Table No. 3A - Tabulation of State Reimbursement for Vocational Education
for Maintenance, Tuition, and Transportation for the School
Year Ending June 30, 1964.

| City, Town,
County or Region | Maintenance | Tuition | Transportation | Total |
|---------------------------------|-------------|-----------|----------------|------------|
| Abington | 799.00 | 2,669.85 | 491.33 | 3,960.18 |
| Acton | --- | 677.63 | 152.87 | 830.50 |
| Acushnet | --- | 23,953.85 | 7,329.38 | 31,283.23 |
| Adams | 2,992.82 | 115.24 | --- | 3,108.06 |
| Agawam | 2,544.02 | 8,482.50 | 638.88 | 11,665.40 |
| Alford | --- | --- | --- | --- |
| Amesbury | --- | 10,980.72 | 1,945.58 | 12,926.30 |
| Amherst | --- | 3,726.94 | 774.23 | 4,501.17 |
| Amherst-Pelham Regional | 1,186.00 | --- | --- | 1,186.00 |
| Andover | 1,733.50 | 1,345.73 | 300.87 | 3,380.10 |
| Apponequet Regional | 20,845.49 | --- | --- | 20,845.49 |
| Arlington | 68,272.02 | 1,370.41 | 41.55 | 69,683.98 |
| Ashburnham | --- | 369.90 | 76.00 | 445.90 |
| Ashby | --- | 604.76 | 133.55 | 738.31 |
| Ashfield | --- | 2,662.64 | 924.50 | 3,587.14 |
| Ashland | --- | 2,122.75 | 620.26 | 2,743.01 |
| Athol | 1,449.40 | 5,845.98 | 5,031.30 | 12,326.68 |
| Attleboro | 58,055.49 | 690.60 | 479.99 | 59,226.08 |
| Auburn | 2,305.40 | 7,413.18 | 810.62 | 10,529.20 |
| Avon | 9,684.12 | 1,837.65 | 344.25 | 11,866.02 |
| Ayer | --- | 258.50 | --- | 258.50 |
| Barnstable | 54,824.06 | 70.80 | --- | 54,894.86 |
| Barre | --- | 2,865.71 | 1,394.25 | 4,259.96 |
| Becket | --- | 103.88 | 52.50 | 156.38 |
| Bedford | 2,814.50 | 545.73 | 131.20 | 3,491.43 |
| Belchertown | 2,268.33 | 6,951.87 | 2,762.52 | 11,982.72 |
| Bellingham | --- | 842.70 | 228.10 | 1,070.80 |
| Belmont | 37,402.02 | 795.77 | --- | 38,197.79 |
| Berkley | --- | 3,249.68 | 593.08 | 3,842.76 |
| Berlin | --- | 1,494.38 | 1,263.80 | 2,758.18 |
| Bernardston | --- | 773.13 | 397.85 | 1,170.98 |
| Beverly | 70,887.72 | 616.88 | 49.28 | 71,553.88 |
| Billerica | 1,809.00 | 2,075.53 | 349.50 | 4,234.03 |
| Blackstone | --- | 1,079.26 | 566.55 | 1,645.81 |
| Blandford | --- | 3,323.22 | 2,188.30 | 5,511.52 |
| Bolton | --- | 262.98 | 78.00 | 340.98 |
| Boston | 982,799.06 | 2,713.63 | 435.43 | 985,948.12 |
| Bourne | 6,251.91 | 2,438.67 | 1,153.61 | 9,844.19 |
| Boxboro | --- | 289.00 | 198.25 | 487.25 |
| Boxford | --- | 681.50 | 160.40 | 841.90 |
| Boylston | --- | 1,778.59 | 573.08 | 2,351.67 |
| Braintree | 4,585.13 | 7,123.95 | 860.28 | 12,569.36 |
| Brewster | --- | 309.90 | --- | 309.90 |
| Bridgewater | 616.50 | 1,600.78 | 484.53 | 2,701.81 |
| Brimfield | --- | 405.29 | 84.50 | 489.79 |

| NAME | ADDRESS | CITY | STATE | ZIP |
|-------------------|--|---------|-------|-------|
| JAMES H. HARRIS | 1234 N. LAUREL AVE.
CHICAGO, ILL. 60642 | CHICAGO | ILL. | 60642 |
| JOHN D. SMITH | 5678 S. MICHIGAN AVE.
CHICAGO, ILL. 60637 | CHICAGO | ILL. | 60637 |
| MARY K. BROWN | 9012 W. 95TH ST.
CHICAGO, ILL. 60643 | CHICAGO | ILL. | 60643 |
| ROBERT L. GARCIA | 3456 E. 47TH ST.
CHICAGO, ILL. 60641 | CHICAGO | ILL. | 60641 |
| SUSAN E. MILLER | 7890 N. ELSTON AVE.
CHICAGO, ILL. 60630 | CHICAGO | ILL. | 60630 |
| DAVID M. WILSON | 2345 S. HALSTED ST.
CHICAGO, ILL. 60608 | CHICAGO | ILL. | 60608 |
| LUCAS A. ROY | 6789 W. 127TH ST.
CHICAGO, ILL. 60648 | CHICAGO | ILL. | 60648 |
| ANGELA R. JONES | 1011 E. 79TH ST.
CHICAGO, ILL. 60649 | CHICAGO | ILL. | 60649 |
| BENJAMIN S. LEE | 4567 N. CASS AVE.
CHICAGO, ILL. 60640 | CHICAGO | ILL. | 60640 |
| PATRICIA L. WHITE | 8901 S. DODD ST.
CHICAGO, ILL. 60646 | CHICAGO | ILL. | 60646 |

| City, Town,
County or Region | Maintenance | Tuition | Transportation | Total |
|---------------------------------|-------------|-----------|----------------|------------|
| Bristol County | 179,664.52 | --- | --- | 179,664.52 |
| Brockton | 43,057.25 | 2,631.64 | 254.10 | 45,942.99 |
| Brookfield | --- | 1,820.39 | 1,807.91 | 3,628.30 |
| Brookline | 16,730.09 | 1,013.19 | 63.73 | 17,807.01 |
| Buckland | --- | 2,374.15 | --- | 2,374.15 |
| Burlington | 1,690.71 | 5,278.77 | 871.10 | 7,840.58 |
| Cambridge | 40,309.25 | 1,349.86 | 252.70 | 41,911.81 |
| Canton | 2,464.00 | 1,606.22 | 672.00 | 4,742.22 |
| Carlisle | --- | 86.25 | --- | 86.25 |
| Carver | --- | 3,695.65 | 3,087.50 | 6,783.15 |
| Charlemont | --- | 716.33 | 254.50 | 970.83 |
| Charlton | 5,952.50 | 995.02 | 194.95 | 7,142.47 |
| Chatham | 794.10 | 1,158.34 | 1,131.25 | 3,083.69 |
| Chelmsford | 279.62 | 1,781.53 | 285.38 | 2,346.53 |
| Chelsea | --- | 11,184.00 | 706.40 | 11,890.40 |
| Cheshire | --- | 3,346.57 | 781.67 | 4,128.24 |
| Chester | --- | 1,401.71 | 1,228.50 | 2,630.21 |
| Chesterfield | --- | 2,721.52 | 1,853.50 | 4,575.02 |
| Chicopee | 84,938.20 | 8,963.40 | 311.99 | 94,213.59 |
| Chilmark | --- | --- | --- | --- |
| Clarksburg | --- | 189.73 | --- | 189.73 |
| Clinton | --- | 4,607.44 | 1,106.95 | 5,714.39 |
| Cohasset | --- | 328.30 | 83.50 | 411.80 |
| Colrain | --- | 1,900.65 | --- | 1,900.65 |
| Concord | --- | 300.85 | 66.07 | 366.92 |
| Concord-Carlisle Regional | 4,037.47 | --- | --- | 4,037.47 |
| Conway | --- | 2,419.36 | 1,588.16 | 4,007.52 |
| Cummington | --- | 1,461.81 | 922.00 | 2,383.81 |
| Dalton | --- | 702.25 | 122.40 | 824.65 |
| Danvers | 1,480.55 | 2,861.32 | 234.50 | 4,576.37 |
| Dartmouth | 14,231.35 | 4,250.23 | 1,486.48 | 19,968.06 |
| Dedham | --- | 8,930.97 | 2,301.95 | 11,232.92 |
| Deerfield | --- | 1,768.23 | 569.02 | 2,337.25 |
| Dennis | --- | 360.00 | --- | 360.00 |
| Dighton | 330.50 | 210.89 | 92.13 | 633.52 |
| Dighton-Rehoboth Regional | 19,599.02 | --- | --- | 19,599.02 |
| Douglas | --- | 347.87 | 42.25 | 390.12 |
| Dover | 512.00 | 545.75 | 306.63 | 1,364.38 |
| Dracut | --- | 2,372.13 | 116.13 | 2,488.26 |
| Dudley | --- | 10,669.56 | 816.79 | 11,486.35 |
| Dunstable | --- | 13.20 | --- | 13.20 |
| Duxbury | 2,987.29 | 1,018.00 | 178.20 | 4,183.49 |
| East Bridgewater | --- | 1,658.01 | 342.00 | 2,000.01 |
| East Brookfield | --- | 1,754.05 | 470.80 | 2,224.85 |
| Eastham | --- | 496.10 | 658.00 | 1,154.10 |
| Easthampton | 833.00 | 17,940.74 | 4,166.69 | 22,940.43 |
| East Longmeadow | 1,155.95 | 9,677.52 | 1,627.91 | 12,461.38 |
| Easton | 4,732.62 | 352.38 | 66.25 | 5,151.25 |
| Edgartown | --- | --- | --- | --- |
| Egremont | --- | --- | --- | --- |
| Erving | --- | 1,862.68 | 642.00 | 2,504.68 |
| Essex | 369.00 | 1,075.98 | --- | 1,444.98 |

The first part of the problem is to find the area of the rectangle. The area of a rectangle is given by the formula $A = l \times w$, where l is the length and w is the width. In this case, the length is 10 units and the width is 5 units. Therefore, the area is $10 \times 5 = 50$ square units.

The second part of the problem is to find the perimeter of the rectangle. The perimeter of a rectangle is given by the formula $P = 2l + 2w$, where l is the length and w is the width. In this case, the length is 10 units and the width is 5 units. Therefore, the perimeter is $2 \times 10 + 2 \times 5 = 20 + 10 = 30$ units.

The third part of the problem is to find the area of the square. The area of a square is given by the formula $A = s^2$, where s is the side length. In this case, the side length is 5 units. Therefore, the area is $5^2 = 25$ square units.

The fourth part of the problem is to find the perimeter of the square. The perimeter of a square is given by the formula $P = 4s$, where s is the side length. In this case, the side length is 5 units. Therefore, the perimeter is $4 \times 5 = 20$ units.

The fifth part of the problem is to find the area of the circle. The area of a circle is given by the formula $A = \pi r^2$, where r is the radius. In this case, the radius is 5 units. Therefore, the area is $\pi \times 5^2 = 25\pi$ square units.

| City, Town,
County or Region | Maintenance | Tuition | Transportation | Total |
|---------------------------------|-------------|-----------|----------------|------------|
| Essex County | 286,741.24 | --- | --- | 286,741.24 |
| Everett | 108,179.00 | 1,681.39 | 72.60 | 109,932.99 |
| Fairhaven | --- | 14,132.64 | 935.67 | 15,068.31 |
| Fall River | 135,717.08 | 233.40 | --- | 135,950.48 |
| Falmouth | 3,124.28 | 34.40 | --- | 3,158.68 |
| Fitchburg | 46,450.78 | 4,252.06 | 1,266.27 | 51,969.11 |
| Florida | --- | 249.29 | --- | 249.29 |
| Foxboro | 6,022.12 | 2,195.04 | 1,098.09 | 9,315.25 |
| Framingham | 45,836.54 | 1,603.44 | 180.25 | 47,620.23 |
| Franklin | 1,623.41 | 1,873.19 | 333.39 | 3,829.99 |
| Freetown | --- | 437.76 | 560.88 | 998.64 |
| Frontier Regional | 165.00 | --- | --- | 165.00 |
| Gardner | 1,692.52 | 4,580.44 | 2,479.30 | 8,752.26 |
| Gay Head | --- | --- | --- | --- |
| Georgetown | --- | 2,750.96 | 543.68 | 3,294.64 |
| Gill | --- | 423.18 | --- | 423.18 |
| Gloucester | 52,750.54 | 1,549.77 | 382.78 | 54,683.09 |
| Goshen | --- | 1,212.25 | 678.08 | 1,890.33 |
| Gosnold | --- | --- | --- | --- |
| Grafton | --- | 9,470.52 | 1,616.83 | 11,087.35 |
| Granby | --- | 1,857.60 | 169.18 | 2,026.78 |
| Granville | --- | 1,900.88 | 517.69 | 2,418.57 |
| Great Barrington | --- | 2,809.97 | 1,419.93 | 4,229.90 |
| Greenfield | 35,220.06 | 526.10 | 144.18 | 35,890.34 |
| Groton | --- | 170.40 | 33.25 | 203.65 |
| Groveland | --- | 1,891.35 | 62.50 | 1,953.85 |
| Hadley | 5,063.25 | 3,918.85 | 477.05 | 9,459.15 |
| Halifax | --- | 283.60 | --- | 283.60 |
| Hamilton | --- | 506.42 | 43.75 | 550.17 |
| Hampden | --- | 3,730.04 | 225.03 | 3,955.07 |
| Hancock | --- | 225.00 | 73.60 | 298.60 |
| Hanover | 1,083.00 | 358.18 | 171.72 | 1,612.90 |
| Hanson | --- | 2,631.07 | 1,351.73 | 3,982.80 |
| Hardwick | --- | 1,521.48 | 526.50 | 2,047.98 |
| Harvard | --- | 64.75 | 183.00 | 247.75 |
| Harwich | 909.00 | 1,662.51 | 1,118.75 | 3,690.26 |
| Hatfield | --- | 3,688.59 | 633.50 | 4,322.09 |
| Haverhill | 141,140.34 | 1,419.30 | 939.37 | 143,499.01 |
| Hawley | --- | 452.63 | 170.00 | 622.63 |
| Heath | --- | 437.60 | 308.70 | 746.30 |
| Hingham | 718.50 | 3,889.95 | 1,029.38 | 5,637.83 |
| Hinsdale | --- | 333.45 | 87.20 | 420.65 |
| Holbrook | 1,107.20 | 3,582.72 | 554.90 | 5,244.82 |
| Holden | --- | 2,656.43 | 232.43 | 2,888.86 |
| Holland | --- | 520.50 | 157.00 | 677.50 |
| Holliston | --- | 642.70 | 56.88 | 699.58 |
| Holyoke | 97,759.33 | 3,491.82 | 273.70 | 101,524.85 |
| Hopedale | --- | 2,151.66 | 542.25 | 2,693.91 |
| Hopkinton | --- | 2,361.55 | 614.65 | 2,976.20 |
| Hubbardston | --- | 777.80 | 2,043.30 | 2,821.10 |
| Hudson | 3,438.86 | 2,669.99 | 728.40 | 6,837.25 |
| Hull | 876.53 | 1,968.24 | 411.70 | 3,256.47 |
| Huntington | --- | 3,097.71 | 3,017.11 | 6,114.82 |

| City, Town,
County or Region | Maintenance | Tuition | Transportation | Total |
|---------------------------------|-------------|-----------|----------------|------------|
| Ipswich | --- | 1,309.20 | 205.88 | 1,515.08 |
| King Philip Regional | 35,589.56 | --- | --- | 35,589.56 |
| Kingston | --- | 70.85 | --- | 70.85 |
| Lakeville | --- | 476.08 | 318.00 | 794.08 |
| Lancaster | --- | 1,623.01 | 1,496.78 | 3,119.79 |
| Lanesboro | --- | 1,859.40 | 551.93 | 2,411.33 |
| Lawrence | 30,233.43 | 8,057.22 | 1,476.75 | 39,767.40 |
| Lee | 2,585.07 | 386.65 | 110.45 | 3,082.17 |
| Leicester | --- | 5,426.88 | 489.25 | 5,916.13 |
| Lenox | 352.50 | 540.20 | 359.58 | 1,252.28 |
| Leominster | 55,210.37 | 2,634.35 | 292.50 | 58,137.22 |
| Leverett | --- | 1,522.39 | 1,191.60 | 2,713.99 |
| Lexington | 3,236.64 | 3,058.58 | 627.88 | 6,923.10 |
| Leyden | --- | 200.00 | 89.00 | 289.00 |
| Lincoln | --- | 78.00 | --- | 78.00 |
| Littleton | --- | 533.82 | 151.73 | 685.55 |
| Longmeadow | --- | 3,582.28 | 450.45 | 4,032.73 |
| Lowell | 145,280.66 | 1,011.49 | 384.30 | 146,676.45 |
| Ludlow | --- | 23,794.86 | 3,340.50 | 27,135.36 |
| Lunenburg | 507.40 | 1,170.25 | 647.95 | 2,325.60 |
| Lynn | 167,198.61 | 1,973.21 | 486.50 | 169,658.32 |
| Lynnfield | --- | 894.03 | 78.50 | 972.53 |
| Mahar, Ralph C., Regional | 1,142.36 | --- | --- | 1,142.36 |
| Malden | 42,806.36 | 6,380.97 | 418.11 | 49,605.44 |
| Manchester | 594.05 | 62.55 | --- | 656.60 |
| Mansfield | --- | 2,943.42 | 741.25 | 3,684.67 |
| Marblehead | --- | 1,185.30 | --- | 1,185.30 |
| Marion | --- | 2,791.70 | 1,177.27 | 3,968.97 |
| Marlboro | 28,841.03 | 2,147.06 | 1,128.06 | 32,116.15 |
| Marshfield | 5,184.27 | 1,145.54 | 363.50 | 6,693.31 |
| Mashpee | --- | 31.13 | --- | 31.13 |
| Mattapoisett | --- | 2,285.25 | 543.08 | 2,828.33 |
| Maynard | --- | 752.50 | 507.50 | 1,260.00 |
| Medfield | --- | 596.60 | 183.63 | 780.23 |
| Medford | 108,742.12 | 2,025.73 | 64.80 | 110,832.65 |
| Medway | --- | 850.09 | 126.16 | 976.25 |
| Melrose | 1,545.75 | 5,276.82 | 279.79 | 7,102.36 |
| Mendon | --- | 519.11 | 140.66 | 659.77 |
| Merrimac | --- | 1,800.98 | 198.10 | 1,999.08 |
| Methuen | 2,829.92 | 7,564.77 | 1,776.20 | 12,170.89 |
| Middleboro | 495.64 | 5,253.46 | 1,918.46 | 7,667.56 |
| Middlefield | --- | --- | --- | --- |
| Middleton | --- | 80.40 | --- | 80.40 |
| Milford | 2,199.89 | 2,545.17 | 565.68 | 5,310.74 |
| Millbury | --- | 8,159.09 | 978.72 | 9,137.81 |
| Millis | 440.00 | 317.80 | 40.25 | 798.05 |
| Millville | --- | 1,194.54 | 414.70 | 1,609.24 |
| Milton | 2,035.55 | 3,103.66 | 126.53 | 5,265.74 |
| Monroe | --- | --- | --- | --- |
| Monson | --- | 3,232.36 | 1,000.00 | 4,232.36 |
| Montague | 831.68 | 2,054.62 | 1,159.54 | 4,045.84 |
| Monterey | --- | --- | --- | --- |
| Montgomery | --- | 475.--- | 165.00 | 640.00 |

| City, Town,
County or Region | Maintenance | Tuition | Transportation | Total |
|---------------------------------|-------------|-----------|----------------|------------|
| Nahant | --- | 1,197.40 | 51.63 | 1,249.03 |
| Nantucket | 12,861.15 | --- | --- | 12,861.15 |
| Narragansett Regional | 10,947.89 | --- | --- | 10,947.89 |
| Natick | --- | 4,391.79 | 710.68 | 5,102.47 |
| Needham | --- | 7,314.75 | 1,820.45 | 9,135.20 |
| New Ashford | --- | --- | --- | --- |
| New Bedford | 226,772.90 | 1,264.60 | 1,016.60 | 229,054.10 |
| New Braintree | --- | 748.89 | 257.63 | 1,006.52 |
| Newbury | --- | 1,764.39 | 155.85 | 1,920.24 |
| Newburyport | 5,898.49 | 2,458.25 | 757.70 | 9,114.44 |
| New Marlboro | --- | 14.40 | --- | 14.40 |
| New Salem | 10,412.20 | 127.00 | 142.25 | 10,681.45 |
| Newton | 133,492.01 | 787.50 | 8.78 | 134,288.29 |
| Norfolk | --- | 483.63 | 115.20 | 598.83 |
| Norfolk County | 209,254.80 | --- | --- | 209,254.80 |
| North Adams | 6,794.33 | --- | --- | 6,794.33 |
| Northampton | 92,673.79 | 3,860.46 | 1,057.59 | 97,591.84 |
| North Andover | --- | 1,545.58 | 452.29 | 1,997.87 |
| North Attleboro | 1,629.26 | 2,481.39 | 647.82 | 4,758.47 |
| Northboro | --- | 3,034.25 | 633.85 | 3,668.10 |
| Northbridge | 11,699.35 | 4,005.36 | 1,319.00 | 17,023.71 |
| North Brookfield | 3,971.74 | 1,267.57 | 857.00 | 6,096.31 |
| Northern Berkshire Regional | 93,474.61 | --- | --- | 93,474.61 |
| Northfield | --- | 642.08 | 325.00 | 967.08 |
| North Reading | 1,659.38 | 2,893.91 | 334.15 | 4,887.44 |
| Norton | --- | 1,818.13 | 346.20 | 2,164.33 |
| Norwell | 448.81 | 296.65 | 108.00 | 853.46 |
| Norwood | 44,536.43 | 1,200.09 | 162.60 | 45,899.12 |
| Oak Bluffs | --- | --- | --- | --- |
| Oakham | --- | 375.90 | 33.75 | 409.65 |
| Old Rochester Regional | 973.50 | --- | --- | 973.50 |
| Orange | --- | 13,473.68 | 6,210.40 | 19,684.08 |
| Orleans | --- | 226.75 | 595.00 | 821.75 |
| Otis | --- | 156.81 | 153.00 | 309.81 |
| Oxford | --- | 4,397.66 | 1,002.60 | 5,400.26 |
| Palmer | 6,069.36 | 6,540.35 | 1,250.00 | 13,859.71 |
| Paxton | --- | 1,417.73 | 424.00 | 1,841.73 |
| Peabody | 38,390.49 | 1,261.97 | 16.50 | 39,668.96 |
| Pelham | --- | 719.66 | 149.18 | 868.84 |
| Pembroke | --- | 969.35 | 126.25 | 1,095.60 |
| Pepperell | --- | 28.05 | --- | 28.05 |
| Peru | --- | --- | --- | --- |
| Petersham | --- | 2,509.50 | 1,981.75 | 4,491.25 |
| Phillipston | --- | 633.45 | 248.00 | 881.45 |
| Pioneer Valley Regional | 4,602.22 | --- | --- | 4,602.22 |
| Pittsfield | 144,035.95 | 1,049.63 | 447.50 | 145,533.08 |
| Plainfield | --- | 101.75 | 54.18 | 155.93 |
| Plainsville | --- | --- | --- | --- |
| Plymouth | 1,002.30 | 1,957.30 | 545.25 | 3,504.85 |
| Plympton | --- | 74.65 | 123.00 | 197.65 |
| Princeton | --- | 339.64 | 188.50 | 528.14 |
| Provincetown | 11,644.69 | --- | --- | 11,644.69 |

| City, Town,
County or Region | Maintenance | Tuition | Transportation | Total |
|---------------------------------|-------------|-----------|----------------|------------|
| Quincy | 123,035.68 | 4,994.79 | 1,289.45 | 129,319.92 |
| Randolph | 13,205.25 | 6,336.45 | 1,035.38 | 20,577.08 |
| Raynham | --- | 1,848.33 | 36.48 | 1,884.81 |
| Reading | 1,575.00 | 2,505.68 | 632.83 | 4,713.51 |
| Rehoboth | 385.63 | 340.49 | 146.60 | 872.72 |
| Revere | 1,041.50 | 11,757.24 | 657.90 | 13,456.64 |
| Richmond | --- | 3,693.38 | --- | 3,693.38 |
| Rochester | --- | 3,076.56 | 3,508.03 | 6,584.59 |
| Rockland | 1,715.54 | 957.92 | 57.15 | 2,730.61 |
| Rockport | --- | 1,079.00 | 372.76 | 1,451.76 |
| Rowe | --- | 25.80 | --- | 25.80 |
| Rowley | --- | 2,550.82 | 763.00 | 3,313.82 |
| Royalston | --- | 368.09 | 112.75 | 480.84 |
| Russell | --- | 4,218.14 | 1,284.45 | 5,502.59 |
| Rutland | --- | 1,853.79 | 647.00 | 2,500.79 |
| Salem | 50,799.96 | 1,205.22 | 271.99 | 52,277.17 |
| Salisbury | --- | 3,603.98 | 635.95 | 4,239.93 |
| Sandisfield | --- | 22.00 | --- | 22.00 |
| Sandwich | --- | 130.65 | 72.00 | 202.65 |
| Saugus | 6,881.03 | 3,847.34 | 777.78 | 11,506.15 |
| Savoy | --- | --- | --- | --- |
| Scituate | 3,426.56 | 925.50 | 81.00 | 4,433.06 |
| Seekonk | --- | 245.82 | --- | 245.82 |
| Sharon | --- | 1,279.49 | 490.20 | 1,769.69 |
| Sheffield | --- | 77.00 | --- | 77.00 |
| Shelburne | 2,961.53 | 1,389.24 | --- | 4,350.77 |
| Sherborn | --- | 793.40 | 139.00 | 932.40 |
| Shirley | --- | 1,511.25 | 893.00 | 2,404.25 |
| Shrewsbury | --- | 8,094.23 | 577.20 | 8,671.43 |
| Shutesbury | --- | 969.66 | 341.00 | 1,310.66 |
| Silver Lake Regional | 31,295.98 | --- | --- | 31,295.98 |
| Somerset | 1,773.38 | 924.95 | 28.10 | 2,726.43 |
| Somerville | 111,398.39 | 4,153.39 | --- | 115,551.78 |
| Southampton | --- | 5,235.56 | 1,708.95 | 6,944.51 |
| Southboro | --- | 2,979.93 | 579.41 | 3,559.34 |
| Southbridge | 58,954.73 | 1,156.25 | 497.20 | 60,608.18 |
| Southern Berkshire Regional | --- | --- | --- | --- |
| South Hadley | 462.59 | 10,076.44 | 1,008.99 | 11,548.02 |
| South Shore Regional | 82,861.37 | --- | --- | 82,861.37 |
| Southwick | --- | 7,375.11 | 2,636.44 | 10,011.55 |
| Spencer | 403.75 | 7,337.78 | 1,237.25 | 8,978.78 |
| Springfield | 396,868.13 | --- | --- | 396,868.13 |
| Sterling | --- | 1,776.88 | 1,404.18 | 3,181.06 |
| Stockbridge | 4,246.66 | 75.50 | 51.00 | 4,373.16 |
| Stoneham | --- | 5,411.19 | 737.48 | 6,148.67 |
| Stoughton | 1,248.17 | 7,413.98 | 1,592.98 | 10,255.13 |
| Stow | --- | 23.55 | --- | 23.55 |
| Sturbridge | --- | 1,189.05 | 582.00 | 1,771.05 |
| Sudbury | --- | 925.63 | 306.75 | 1,232.38 |
| Sunderland | --- | 1,607.85 | 2,124.22 | 3,732.07 |
| Sutton | --- | 2,628.48 | 641.51 | 3,269.99 |
| Swampscott | 772.00 | 842.32 | 171.75 | 1,786.07 |
| Swansea | 7,451.24 | 673.15 | 88.33 | 8,212.72 |

| City, Town
County or Region | Maintenance | Tuition | Transportation | Total |
|--------------------------------|-------------|----------|----------------|------------|
| Taunton | 37,033.24 | 467.45 | 62.25 | 37,562.94 |
| Templeton | --- | 1,629.26 | 444.00 | 2,073.26 |
| Tewksbury | 4,078.92 | 4,480.90 | 1,203.98 | 9,763.80 |
| Tisbury | --- | --- | --- | --- |
| Tolland | --- | --- | --- | --- |
| Topsfield | --- | 224.10 | 64.50 | 288.60 |
| Townsend | --- | 705.90 | 142.20 | 848.10 |
| Truro | 235.00 | 1,029.45 | -- | 1,264.45 |
| Tyngsboro | --- | 2,464.53 | 72.80 | 2,537.33 |
| Tyringham | --- | 34.00 | 122.25 | 156.25 |
| Upton | --- | 2,761.91 | 867.00 | 3,628.91 |
| Uxbridge | --- | 2,913.03 | 762.33 | 3,675.36 |
| Wachusett Regional | 9,744.52 | --- | --- | 9,744.52 |
| Wakefield | 2,123.31 | 4,437.68 | 990.87 | 7,551.86 |
| Wales | --- | 838.95 | 254.50 | 1,093.45 |
| Walpole | --- | 4,286.39 | 1,118.04 | 5,404.43 |
| Waltham | 104,761.73 | 1,615.79 | 185.63 | 106,563.15 |
| Ware | --- | 6,814.45 | 2,451.21 | 9,265.66 |
| Wareham | 12,591.03 | 585.91 | 138.00 | 13,314.94 |
| Warren | --- | 4,379.13 | 1,401.85 | 5,780.98 |
| Warwick | --- | 685.00 | 548.30 | 1,233.30 |
| Washington | --- | --- | --- | --- |
| Watertown | --- | 8,178.19 | 629.13 | 8,807.32 |
| Wayland | --- | 3,691.57 | 708.59 | 4,400.16 |
| Webster | 24,125.73 | 4,669.23 | 1,448.60 | 30,243.56 |
| Wellesley | 2,154.70 | 1,368.80 | 156.18 | 3,679.68 |
| Wellfleet | --- | 39.60 | --- | 39.60 |
| Wendell | --- | 3,124.45 | 980.00 | 4,104.45 |
| Wenham | --- | 810.72 | 78.00 | 888.72 |
| Westboro | --- | 462.14 | 72.90 | 535.04 |
| West Boylston | --- | 2,180.10 | 537.95 | 2,718.05 |
| West Bridgewater | 5,114.17 | 2,197.61 | 847.95 | 8,159.73 |
| West Brookfield | --- | 4,365.11 | 1,774.70 | 6,139.81 |
| Westfield | 123,945.22 | 5,983.26 | 696.98 | 130,625.46 |
| Westford | --- | 1,445.85 | 325.78 | 1,771.63 |
| Westhampton | --- | 1,761.30 | 851.50 | 2,612.80 |
| Westminster | --- | 2,520.78 | 950.73 | 3,471.51 |
| West Newbury | --- | 25.13 | --- | 25.13 |
| Weston | --- | 973.45 | 283.43 | 1,256.88 |
| Westport | 6,378.99 | 2,489.11 | 776.88 | 9,644.98 |
| West Springfield | 1,192.20 | 9,384.94 | 745.95 | 11,323.09 |
| West Stockbridge | --- | 913.80 | 86.00 | 999.80 |
| West Tisbury | --- | --- | --- | --- |
| Westwood | 2,391.50 | 327.50 | 41.76 | 2,760.76 |
| Weymouth | 106,063.75 | 4,519.27 | 509.33 | 111,092.35 |
| Whately | --- | 3,396.43 | 1,112.31 | 4,508.74 |
| Whitman | --- | 2,335.06 | 819.97 | 3,155.03 |
| Whitman-Hanson Regional | 1,752.50 | --- | --- | 1,752.50 |
| Wilbraham | --- | 6,248.77 | 364.98 | 6,613.75 |
| Williamsburg | --- | 4,029.55 | 441.11 | 4,470.66 |
| Williamstown | --- | 145.40 | --- | 145.40 |
| Wilmington | 1,775.05 | 2,864.56 | 529.13 | 5,168.74 |

| City, Town,
County or Region | Maintenance | Tuition | Transportation | Total |
|---------------------------------|--------------|------------|----------------|--------------|
| Winchendon | 5,753.71 | 1,605.29 | 1,486.25 | 8,845.25 |
| Winchester | --- | 1,848.09 | 121.08 | 1,969.17 |
| Windsor | --- | --- | 72.30 | 72.30 |
| Winthrop | --- | 1,861.65 | 256.83 | 2,118.48 |
| Woburn | 3,401.55 | 6,396.36 | 489.13 | 10,287.04 |
| Worcester | 458,079.52 | 224.75 | --- | 458,304.27 |
| Worthington | --- | 745.53 | 1,246.50 | 1,992.03 |
| Wrentham | --- | 381.73 | 218.42 | 1,100.15 |
| Yarmouth | 1,415.61 | 708.56 | 1,014.50 | 3,138.67 |
| TOTALS | 6,263,897.59 | 825,998.76 | 207,650.46 | 7,297,546.81 |

TABLE NO. 5 - Earnings of Vocational Agricultural Pupils
from Projects and other Supervised Farm Work.

A. Year Ending December 31, 1961

| PRODUCTION PROJECTS | | | IMPROVEMENT PROJECTS | | | | FARM HOME BALANCE
(PLACEMENT) | | | |
|---------------------|-------------|------------|----------------------|--------------|-----------------|-------------|----------------------------------|------------|-----------------|--------------|
| Net Enrollment | Pupil Hours | Receipts | Expenses | Labor Return | Number Projects | Pupil Hours | Value | Paid Hours | Amount Received | Unpaid Hours |
| | | | | | | | | | | |
| 1,279 | 49,478 | 127,094.17 | 87,350.86 | 45,958.94 | 294 | 29,202 | 30,163.13 | 757,071 | 863,769.25 | 212,716 |

Table No. 6 - Vital Statistics by Types of Schools and Departments for School Year Ending June 30, 1964.

| 1963 - 1964 | ENROLLMENT | NUMBER OF
NON-RESIDENTS | AVERAGE MEMBERSHIP | AVERAGE ATTENDANCE | NUMBER OF GRADUATES | WITHDRAWALS IN
INDUSTRY TRAINED FOR | OTHER WITHDRAWALS |
|---|------------|----------------------------|--------------------|--------------------|---------------------|--|-------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| GROUP I 1a - BOYS' DAY INDUSTRIAL SCHOOLS | | | | | | | |
| Apponequet Regional | 62 | 23 | 58.9 | 56.8 | 14 | -- | 4 |
| Arlington | 137 | 27 | 128.2 | 119.6 | 16 | -- | 12 |
| Attleboro | 160 | 16 | 153.3 | 141.7 | 20 | 1 | 11 |
| Avon | 26 | 1 | 24.2 | 22.5 | 6 | 3 | -- |
| Barnstable | 108 | 27 | 93.0 | 86.0 | 15 | 2 | 17 |
| Belmont | 77 | 21 | 56.3 | 50.8 | 16 | 2 | 9 |
| Beverly | 160 | 16 | 148.6 | 144.7 | 29 | -- | 18 |
| Boston | 1,244 | 140 | 1,109.0 | 960.0 | 185 | 28 | 137 |
| Brockton | 137 | 49 | 118.6 | 109.6 | 23 | 1 | 21 |
| Chicopee | 277 | 12 | 210.2 | 191.3 | 31 | 23 | 48 |
| Dartmouth | 43 | -- | 41.3 | 39.1 | 14 | 2 | 1 |
| Dighton-Rehoboth Reg. | 69 | 2 | 65.4 | 63.7 | 14 | -- | 5 |
| Everett | 220 | 72 | 201.6 | 187.4 | 62 | 3 | 12 |
| Fall River - Diman | 338 | 6 | 323.1 | 312.2 | 67 | 39 | 52 |
| Fitchburg | 104 | 2 | 95.2 | 89.9 | 22 | -- | 11 |
| Framingham | 106 | 25 | 103.0 | 98.8 | 29 | 7 | -- |
| Gloucester | 135 | 5 | 128.3 | 119.6 | 24 | -- | 6 |
| Greenfield | 205 | 117 | 176.1 | 160.2 | 28 | 6 | 40 |
| Haverhill | 526 | 242 | 492.0 | 467.5 | 61 | 5 | 42 |
| Holyoke | 259 | 78 | 211.9 | 194.1 | 27 | 8 | 59 |
| King Philip Regional | 70 | 11 | 62.5 | 59.6 | 14 | 1 | 8 |
| Leominster | 201 | 18 | 179.0 | 167.3 | 29 | 3 | 24 |
| Lowell | 356 | 53 | 348.8 | 335.7 | 69 | -- | 23 |
| Lynn Shoe | 111 | 41 | 50.6 | 41.6 | 74 | -- | 17 |
| Lynn Trade | 287 | 10 | 272.1 | 252.1 | 94 | -- | 14 |
| Malden | 132 | 14 | 131.2 | 111.6 | 27 | 1 | 22 |
| Marlboro | 103 | 23 | 89.6 | 82.1 | 22 | 3 | 14 |
| Medford - Weldon | 244 | 49 | 223.7 | 211.4 | 51 | 2 | 22 |
| Nantucket | 27 | -- | 25.8 | 24.7 | 7 | -- | -- |
| New Bedford | 509 | 150 | 473.5 | 452.8 | 84 | 7 | 58 |

GROUP I 1a - BOYS' DAY INDUSTRIAL SCHOOLS (continued)

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|----------------------|-----|-----|-------|-------|-----|----|-----|
| New Salem | 35 | 35 | 32.8 | 31.3 | 4 | — | 3 |
| Newton | 306 | 95 | 271.5 | 246.9 | 53 | 14 | 16 |
| North Adams - McCann | 276 | 26 | 251.8 | 238.9 | 22 | 3 | 32 |
| Northampton | 286 | 174 | 256.0 | 241.0 | 48 | — | 45 |
| Northbridge | 16 | 1 | 14.2 | 13.2 | — | 2 | 2 |
| Peabody | 94 | 3 | 85.0 | 79.7 | 8 | — | 20 |
| Pittsfield | 299 | 29 | 278.7 | 256.6 | 78 | — | 17 |
| Provincetown | 32 | 4 | 31.9 | 29.2 | 6 | — | — |
| Quincy | 277 | 43 | 251.0 | 235.1 | 66 | 4 | 29 |
| Randolph | 32 | — | 22.9 | 19.8 | 6 | — | 12 |
| Salem | 114 | 5 | 104.0 | 99.4 | 30 | — | 11 |
| Silver Lake Regional | 72 | 3 | 63.9 | 59.9 | 13 | 4 | 5 |
| Somerville | 297 | 26 | 269.4 | 240.8 | 45 | 5 | 49 |
| Southbridge - Cole | 155 | 8 | 145.7 | 138.2 | 9 | — | 23 |
| South Shore | 169 | 16 | 162.1 | 154.5 | 7 | — | 15 |
| Springfield | 926 | 299 | 807.2 | 738.4 | 100 | — | 197 |
| Swansea | 20 | — | 17.9 | 17.1 | 3 | 1 | 3 |
| Taunton | 97 | 24 | 90.2 | 84.1 | 16 | 3 | 8 |
| Waltham | 269 | 26 | 230.3 | 216.9 | 66 | 4 | 32 |
| Wareham | 27 | — | 26.0 | 24.2 | 5 | 3 | 4 |
| Webster - Bartlett | 85 | 39 | 80.5 | 75.5 | 22 | — | 7 |
| Westfield | 226 | 31 | 225.8 | 215.0 | 22 | 2 | 21 |
| Weymouth | 291 | 48 | 269.1 | 251.8 | 68 | 2 | 53 |
| Worcester | 744 | 142 | 651.5 | 614.1 | 131 | 2 | 50 |

Total for type
of school

11,578 2,325 10,434.4 9,676.0 2,002 196 1,361

GROUP I 1a¹ - UNIT TRADE - TYPE C - TRADE PREPARATORY (BOYS)

| | | | | | | | |
|----------------------|----|----|------|------|---|----|----|
| Fitchburg | 16 | — | 8.9 | 7.5 | — | — | 10 |
| Framingham | 23 | 15 | 17.4 | 14.0 | — | — | 6 |
| Leominster | 37 | 20 | 32.9 | 27.0 | — | — | 8 |
| Lynn | 78 | 28 | 57.1 | 49.9 | — | — | 20 |
| North Adams - McCann | 68 | — | 51.2 | 45.8 | — | 34 | — |
| Waltham | 85 | 16 | 57.1 | 43.4 | — | 45 | — |
| Westfield | 57 | 14 | 47.9 | 46.4 | — | — | 26 |

Total for type
of school

364 93 272.5 234.0 — 79 70

GROUP I 1b - GIRLS' DAY INDUSTRIAL SCHOOLS

| | | | | | | | |
|---------------------|-----|-----|-------|-------|----|----|----|
| Boston | 265 | 23 | 223.0 | 193.0 | 47 | — | 49 |
| Essex County | 40 | — | 37.0 | 34.0 | 36 | — | 4 |
| Fall River - Diman | 55 | 2 | 34.0 | 29.9 | 22 | 21 | 3 |
| Norwood - Peabody | 114 | 83 | 103.0 | 96.4 | 65 | 3 | 10 |
| Springfield | 209 | 43 | 190.1 | 171.6 | 64 | 6 | 25 |
| Worcester - Fanning | 254 | 118 | 234.1 | 212.1 | 80 | — | 47 |

Total for type
of school

937 269 821.2 737.0 314 30 138

GROUP I 1b¹ - UNIT TRADE - TYPE C - TRADE PREPARATORY (GIRLS)

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-----------------------------|----|----|------|------|----|----|----|
| Boston | 4 | -- | 4.0 | 4.0 | -- | -- | -- |
| Fall River | 31 | -- | 31.0 | 26.2 | -- | -- | -- |
| Springfield | 28 | -- | 21.0 | 17.0 | -- | -- | 11 |
| Total for type
of school | 63 | -- | 56.0 | 47.2 | -- | -- | 11 |

GROUP I 1c - INDUSTRIAL DEPARTMENTS

| | | | | | | | |
|-----------------------------|-----|----|-------|-------|----|----|-----|
| Boston - Brighton | 283 | 1 | 259.0 | 242.0 | -- | 9 | 54 |
| Charlestown | 222 | 3 | 209.0 | 206.0 | -- | 1 | 3 |
| Dorchester | 137 | -- | 128.0 | 115.0 | -- | 5 | 13 |
| East Boston | 61 | 1 | 59.0 | 52.0 | -- | 2 | 4 |
| Hyde Park | 92 | -- | 78.0 | 74.0 | -- | -- | 14 |
| Roxbury | 92 | -- | 83.0 | 80.0 | -- | 1 | 8 |
| South Boston | 63 | 1 | 52.0 | 47.0 | -- | 2 | 10 |
| Total for type
of school | 950 | 6 | 868.0 | 816.0 | -- | 20 | 106 |

GROUP I 2a - PART-TIME COOPERATIVE TRADE SCHOOLS

| | | | | | | | |
|-----------------------------|-------|-----|-------|-------|-----|----|----|
| Arlington | 3 | 1 | 1.6 | 1.5 | 3 | -- | -- |
| Beverly | 31 | 13 | 30.5 | 30.0 | 12 | -- | 2 |
| Boston - Brighton | 148 | 1 | 142.0 | 131.0 | 62 | -- | 2 |
| Charlestown | 118 | 5 | 105.0 | 101.0 | 47 | 2 | 10 |
| Dorchester | 114 | 2 | 100.0 | 100.0 | 28 | 2 | 18 |
| East Boston | 95 | 2 | 92.0 | 89.0 | 34 | -- | 4 |
| Hyde Park | 103 | 3 | 76.5 | 75.2 | 38 | -- | 12 |
| Roxbury | 138 | -- | 116.0 | 110.0 | 38 | 4 | 2 |
| South Boston | 56 | -- | 47.0 | 45.0 | 21 | -- | 9 |
| Fitchburg | 10 | -- | 9.9 | 9.7 | 10 | -- | -- |
| Haverhill | 62 | 31 | 55.5 | 53.3 | 60 | -- | -- |
| Holyoke | 22 | 8 | 21.6 | 20.7 | 10 | -- | 1 |
| Newton | 17 | 5 | 16.3 | 15.3 | 16 | -- | -- |
| Pittsfield | 34 | 3 | 29.9 | 27.4 | 32 | -- | -- |
| Southbridge | 36 | 8 | 25.6 | 28.8 | 17 | -- | 3 |
| Springfield | 108 | 26 | 44.8 | 42.9 | 85 | -- | -- |
| Westfield | 42 | 5 | 42.0 | 40.0 | 42 | -- | -- |
| Total for type
of school | 1,137 | 113 | 960.2 | 920.8 | 555 | 8 | 63 |

GROUP I 2c¹ - MEN'S EVENING INDUSTRIAL SCHOOLS

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-----------------------------|-------|-------|---------|---------|----|----|-------|
| Apponequet Regional | 34 | 10 | 34.0 | 33.1 | -- | -- | -- |
| Barnstable | 75 | 37 | 59.0 | 47.7 | -- | -- | 32 |
| Beverly | 81 | 35 | 57.6 | 46.4 | -- | -- | 31 |
| Boston | 801 | 121 | 598.0 | 428.0 | -- | -- | 243 |
| Brockton | 142 | 96 | 116.0 | 102.5 | -- | -- | 38 |
| Chicopee | 319 | 29 | 191.7 | 142.8 | -- | -- | 164 |
| Dighton-Rehoboth Regional | 17 | 10 | 16.9 | 16.4 | -- | -- | -- |
| Fall River | 107 | 22 | 78.2 | 89.6 | -- | -- | 46 |
| Framingham | 63 | 42 | 37.5 | 31.3 | -- | -- | 18 |
| Greenfield | 205 | 40 | 184.8 | 156.7 | -- | -- | 22 |
| Haverhill | 333 | 242 | 225.9 | 175.3 | -- | -- | 122 |
| Holyoke | 96 | 29 | 54.6 | 43.9 | -- | -- | 58 |
| King Philip Regional | 29 | 17 | 24.7 | 22.1 | -- | -- | 7 |
| Lawrence | 128 | 54 | 93.4 | 73.7 | -- | -- | 66 |
| Leominster | 59 | 37 | 39.1 | 29.5 | -- | -- | 29 |
| Lowell | 114 | -- | 88.0 | 62.0 | -- | -- | 26 |
| Lynn Shoe | 115 | 76 | 59.2 | 45.8 | -- | -- | -- |
| Lynn Trade | 301 | 128 | 210.6 | 176.4 | -- | -- | 57 |
| Malden | 43 | 12 | 40.1 | 26.7 | -- | -- | 19 |
| Marlboro | 100 | 28 | 75.4 | 59.8 | -- | -- | 36 |
| Medford | 129 | 56 | 55.4 | 34.3 | -- | -- | 102 |
| New Bedford | 517 | 235 | 350.0 | 302.0 | -- | -- | 221 |
| Newton | 161 | 53 | 90.7 | 69.8 | -- | -- | 63 |
| North Adams - McCann | 112 | -- | 67.2 | 50.7 | -- | -- | 62 |
| Norhampton | 61 | 20 | 61.0 | 52.0 | -- | -- | 7 |
| Pittsfield | 177 | 25 | 148.1 | 116.2 | -- | -- | 37 |
| Provincetown | 42 | -- | 34.9 | 32.6 | -- | -- | 7 |
| Quincy | 217 | 140 | 172.0 | 134.1 | -- | -- | 84 |
| Salem | 47 | 27 | 35.8 | 26.9 | -- | -- | 12 |
| Somerville | 153 | 25 | 92.0 | 75.7 | -- | -- | 47 |
| Southbridge | 76 | 31 | 44.9 | 34.9 | -- | -- | 37 |
| South Shore | 118 | 43 | 77.7 | 65.2 | -- | -- | 54 |
| Springfield | 761 | 314 | 499.0 | 405.0 | -- | -- | 388 |
| Swansea | 54 | -- | 54.0 | 47.3 | -- | -- | -- |
| Taunton | 71 | 17 | 39.2 | 30.2 | -- | 35 | -- |
| Waltham | 55 | 11 | 31.8 | 25.1 | -- | -- | 24 |
| Westfield | 37 | 6 | 33.4 | 31.7 | -- | -- | 7 |
| Weymouth | 100 | 36 | 78.0 | 63.0 | -- | -- | 39 |
| Worcester | 1,110 | 380 | 850.0 | 668.0 | -- | -- | 331 |
| Total for type
of school | 7,160 | 2,484 | 5,099.8 | 4,074.4 | -- | 35 | 2,536 |

GROUP I 2c² - EVENING TRADE EXTENSION SCHOOLS (WOMEN)

| | | | | | | | |
|-----------------------------|----|----|------|------|----|----|----|
| Springfield | 20 | 10 | 20.0 | 20.0 | -- | -- | -- |
| Total for type
of school | 20 | 10 | 20.0 | 20.0 | -- | -- | -- |

GROUP I 2d - EVENING APPRENTICESHIP SCHOOLS

387

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-----------------------------|--------|-------|---------|---------|----|----|-----|
| Boston | 1,616" | 1,051 | 1,441.4 | 1,206.0 | -- | -- | 309 |
| Boston Journeyman | 403 | 252 | 316.1 | 264.7 | -- | -- | 140 |
| Brockton | 96 | 50 | 57.1 | 40.4 | -- | -- | 47 |
| Fitchburg | 45 | 33 | 20.8 | 18.2 | -- | -- | 25 |
| Haverhill | 41 | 31 | 27.9 | 19.6 | -- | -- | 15 |
| Holyoke | 44 | 12 | 32.9 | 28.8 | -- | -- | 14 |
| King Philip Regional | 18 | 13 | 15.8 | 13.0 | -- | -- | 8 |
| Lawrence | 39 | 6 | 27.3 | 24.3 | -- | -- | 15 |
| Leominster | 23 | 18 | 17.3 | 14.2 | -- | -- | 9 |
| Lowell | 52 | -- | 41.0 | 34.0 | -- | -- | 11 |
| Lynn | 153 | 76 | 115.5 | 92.9 | -- | -- | 25 |
| Malden | 15 | 5 | 15.0 | 11.3 | -- | -- | 5 |
| Marlboro | 32 | 19 | 25.7 | 18.0 | -- | -- | 16 |
| Medford | 128 | 94 | 68.5 | 45.2 | -- | -- | 90 |
| Newton | 52 | 44 | 42.5 | 30.9 | -- | -- | 9 |
| Pittsfield | 110 | 15 | 91.2 | 83.2 | -- | 5 | 14 |
| Quincy | 59 | 37 | 50.5 | 43.8 | -- | -- | 18 |
| Springfield | 183 | 101 | 141.0 | 113.0 | -- | -- | 58 |
| Taunton | 26 | 18 | 14.0 | 9.2 | -- | 10 | -- |
| Weymouth | 17 | 9 | 13.4 | 9.2 | -- | -- | 6 |
| Worcester | 112 | 44 | 77.0 | 57.0 | -- | -- | 41 |
| Total for type
of school | 3,264 | 1,928 | 2,651.9 | 2,176.9 | -- | 15 | 875 |

GROUP III 1a - DAY HOUSEHOLD ARTS SCHOOLS

| | | | | | | | |
|-----------------------------|-----|-----|-------|-------|-----|----|-----|
| Cambridge | 35 | -- | 27.5 | 22.3 | 13 | 2 | 6 |
| Everett | 13 | -- | 11.5 | 10.0 | 4 | -- | 2 |
| Fall River | 32 | 1 | 29.7 | 26.0 | 6 | 3 | 3 |
| Lowell | 133 | 13 | 116.4 | 106.6 | 51 | 11 | 19 |
| New Bedford | 292 | 87 | 261.8 | 243.4 | 39 | 12 | 35 |
| New Salem | 20 | 19 | 18.7 | 17.6 | 6 | -- | 1 |
| Northampton | 72 | 39 | 60.0 | 55.0 | 11 | -- | 16 |
| Springfield | 73 | 4 | 66.2 | 58.9 | -- | -- | 14 |
| Worcester | 88 | 18 | 84.5 | 76.8 | 12 | -- | 9 |
| Total for type
of school | 758 | 181 | 676.3 | 616.6 | 142 | 28 | 105 |

GROUP III 1b - DAY HOUSEHOLD ARTS DEPARTMENTS

| | | | | | | | |
|---------------------|----|----|------|------|----|----|----|
| Adams | 9 | -- | 9.0 | 8.4 | 7 | 1 | -- |
| Apponequet Regional | 42 | -- | 35.5 | 33.8 | -- | -- | 7 |
| Barnstable | 32 | -- | 29.9 | 27.3 | 13 | -- | 4 |
| Belchertown | 12 | -- | 12.0 | 10.8 | 6 | -- | -- |
| Beverly | 12 | -- | 10.5 | 10.1 | -- | -- | 2 |
| Bourne | 22 | -- | 19.1 | 17.7 | -- | -- | 2 |

GROUP XII 1b - DAY HOUSEHOLD ARTS DEPARTMENTS (continued)

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-----------------------------|-------|----|---------|---------|-----|----|-----|
| Charlton | 15 | -- | 11.9 | 11.1 | -- | -- | 3 |
| Dartmouth | 28 | -- | 26.0 | 24.6 | 1 | -- | 1 |
| Duxbury | 24 | -- | 21.6 | 18.5 | 3 | -- | 4 |
| Easton | 21 | -- | 20.2 | 14.0 | -- | -- | -- |
| Fall River | 33 | -- | 30.0 | 30.0 | -- | -- | 10 |
| Falmouth | 32 | -- | 28.0 | 28.0 | 3 | -- | 7 |
| Foxboro | 37 | -- | 34.0 | 32.9 | -- | -- | 3 |
| Hadley | 41 | -- | 39.8 | 37.6 | -- | -- | 3 |
| Haverhill | 74 | -- | 68.8 | 62.9 | 11 | -- | 6 |
| Hudson | 22 | -- | 14.3 | 12.4 | 1 | -- | 6 |
| King Philip Regional | 22 | -- | 17.8 | 16.3 | 11 | -- | 5 |
| Lee | 14 | -- | 14.0 | 12.0 | 7 | -- | -- |
| Marshfield | 40 | -- | 35.4 | 33.5 | 13 | -- | 5 |
| Narragansett Regional | 28 | -- | 23.2 | 21.7 | -- | -- | 6 |
| Newburyport | 141 | 49 | 126.3 | 115.5 | 15 | -- | 40 |
| North Adams | 25 | 7 | 21.2 | 19.9 | 4 | 6 | -- |
| Northbridge | 22 | -- | 17.4 | 16.2 | 3 | -- | 16 |
| North Brookfield | 8 | -- | 7.3 | 7.2 | 2 | -- | 1 |
| Palmer | 42 | -- | 38.0 | 34.0 | 1 | 1 | 1 |
| Pittsfield | 88 | -- | 81.8 | 67.7 | 11 | 2 | 9 |
| Provincetown | 12 | 6 | 10.1 | 8.8 | 5 | -- | 3 |
| Salem | 64 | -- | 60.3 | 55.0 | -- | 6 | 3 |
| Saugus | 36 | -- | 32.9 | 29.1 | 8 | -- | 2 |
| Scituate | 40 | -- | 30.4 | 31.4 | 4 | -- | 9 |
| Silver Lake Regional | 36 | -- | 30.9 | 28.7 | -- | -- | -- |
| Somerville | 63 | -- | 45.8 | 43.8 | 2 | -- | 16 |
| Tewksbury | 30 | -- | 24.0 | 23.6 | 9 | -- | 4 |
| Wachusett Regional | 12 | -- | 12.0 | 11.2 | -- | -- | -- |
| Wareham | 20 | -- | 19.0 | 18.0 | 2 | -- | 3 |
| West Bridgewater | 21 | -- | 21.0 | 17.0 | -- | -- | 4 |
| Westport | 35 | -- | 32.9 | 30.1 | -- | 1 | 11 |
| Winchendon | 31 | 1 | 28.5 | 26.5 | 5 | 2 | 2 |
| Total for type
of school | 1,286 | 63 | 1,140.8 | 1,047.3 | 147 | 19 | 198 |

GROUP III 3 * EVENING PRACTICAL ART SCHOOLS

| | | | | | | | |
|-------------------------|-----|----|-------|-------|----|----|----|
| Abington | 116 | -- | 90.4 | 71.9 | -- | -- | -- |
| Agawam | 377 | 3 | 317.6 | 260.7 | -- | -- | -- |
| Amherst-Pelham Regional | 162 | 9 | 143.3 | 110.6 | -- | -- | -- |
| Andover | 168 | 19 | 151.5 | 124.2 | -- | -- | -- |
| Apponequet Regional | 116 | 11 | 109.5 | 91.0 | -- | -- | -- |
| Arlington | 781 | 19 | 710.6 | 576.3 | -- | -- | -- |
| Athol | 142 | -- | 110.0 | 104.0 | -- | -- | -- |
| Auburn | 233 | -- | 215.3 | 193.4 | -- | -- | -- |
| Barnstable | 168 | 7 | 131.4 | 104.8 | -- | -- | -- |
| Bedford | 315 | 17 | 315.0 | 272.0 | -- | -- | -- |
| Belchertown | 19 | -- | 15.0 | 15.0 | -- | -- | -- |
| Belmont | 202 | -- | 199.0 | 163.7 | -- | -- | -- |
| Beverly | 391 | 46 | 296.7 | 269.9 | -- | -- | -- |
| Billerica | 205 | -- | 181.9 | 155.4 | -- | -- | -- |

GROUP III 3 - EVENING PRACTICAL ART SCHOOL (continued)

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---------------------------|-------|-----|---------|---------|----|----|----|
| Boston | 1,581 | -- | 1,316.0 | 1,045.0 | -- | -- | -- |
| Bourne | 93 | 4 | 89.3 | 80.0 | -- | -- | -- |
| Braintree | 185 | -- | 164.0 | 156.0 | -- | -- | -- |
| Bridgewater | 81 | 5 | 68.0 | 57.9 | -- | -- | -- |
| Brockton | 367 | 31 | 269.3 | 228.4 | -- | -- | -- |
| Brookline | 1,139 | 72 | 739.6 | 618.9 | -- | -- | -- |
| Burlington | 201 | -- | 199.0 | 184.9 | -- | -- | -- |
| Cambridge | 314 | 1 | 184.0 | 119.0 | -- | -- | -- |
| Canton | 322 | 32 | 267.0 | 222.0 | -- | -- | -- |
| Chatham | 64 | -- | 64.1 | 44.4 | -- | -- | -- |
| Chelmsford | 271 | 7 | 271.0 | 181.0 | -- | -- | -- |
| Chicopee | 1,024 | 16 | 829.9 | 667.7 | -- | -- | -- |
| Concord-Carlisle Regional | 484 | 48 | 249.2 | 214.9 | -- | -- | -- |
| Danvers | 391 | 35 | 326.0 | 309.0 | -- | -- | -- |
| Dartmouth | 140 | -- | 130.0 | 130.0 | -- | -- | -- |
| Dighton | 46 | -- | 41.9 | 35.8 | -- | -- | -- |
| Douglas | 30 | 13 | 24.7 | 26.0 | -- | -- | -- |
| Dover | 27 | -- | 26.0 | 25.5 | -- | -- | -- |
| Duxbury | 58 | 2 | 50.0 | 31.1 | -- | -- | -- |
| Easthampton | 253 | 6 | 243.9 | 211.8 | -- | -- | -- |
| East Longmeadow | 117 | 6 | 90.5 | 75.0 | -- | -- | -- |
| Easton | 88 | -- | 65.9 | 62.0 | -- | -- | -- |
| Essex | 54 | 10 | 42.7 | 38.0 | -- | -- | -- |
| Essex County | 1,642 | -- | 1,376.0 | 1,123.0 | -- | -- | -- |
| Everett | 200 | -- | 166.1 | 126.3 | -- | -- | -- |
| Fall River | 258 | 20 | 222.7 | 178.5 | -- | -- | -- |
| Falmouth | 65 | -- | 54.3 | 52.7 | -- | -- | -- |
| Foxboro | 191 | -- | 186.0 | 164.0 | -- | -- | -- |
| Franklin | 201 | 12 | 154.3 | 131.6 | -- | -- | -- |
| Frontier Regional | 110 | -- | 83.5 | 83.0 | -- | -- | -- |
| Gardner | 368 | 26 | 109.0 | 92.0 | -- | -- | -- |
| Gloucester | 187 | -- | 145.5 | 131.2 | -- | -- | -- |
| Greenfield | 281 | 19 | 224.0 | 174.0 | -- | -- | -- |
| Hadley | 40 | -- | 35.5 | 29.2 | -- | -- | -- |
| Hanover | 168 | 18 | 118.9 | 98.4 | -- | -- | -- |
| Harwich | 120 | 24 | 101.0 | 79.9 | -- | -- | -- |
| Haverhill | 100 | 21 | 95.4 | 84.4 | -- | -- | -- |
| Hingham | 190 | -- | 175.4 | 174.6 | -- | -- | -- |
| Holbrook | 117 | -- | 103.9 | 84.2 | -- | -- | -- |
| Holyoke | 681 | 98 | 592.0 | 506.0 | -- | -- | -- |
| Hudson | 111 | -- | 87.2 | 86.3 | -- | -- | -- |
| Hull | 129 | -- | 129.0 | 68.1 | -- | -- | -- |
| King Philip Regional | 122 | 35 | 112.5 | 103.2 | -- | -- | -- |
| Lawrence | 640 | 107 | 517.4 | 514.5 | -- | -- | -- |
| Lenox | 40 | -- | 40.0 | 29.0 | -- | -- | -- |
| Leominster | 331 | 61 | 278.6 | 240.3 | -- | -- | -- |
| Lexington | 364 | 12 | 331.8 | 281.9 | -- | -- | -- |
| Lowell | 562 | 26 | 382.9 | 336.1 | -- | -- | -- |
| Lunenburg | 115 | 4 | 99.0 | 76.4 | -- | -- | -- |
| Lynn | 645 | 47 | 527.0 | 436.0 | -- | -- | -- |
| Mahar, Ralph C., Reg. | 81 | 10 | 72.8 | 68.9 | -- | -- | -- |
| Manchester | 66 | -- | 56.6 | 51.5 | -- | -- | -- |
| Medford | 632 | 8 | 542.0 | 467.0 | -- | -- | -- |

GROUP III 3 - EVENING PRACTICAL ART SCHOOLS (continued)

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-------------------------|-------|-----|---------|---------|----|----|----|
| Melrose | 253 | -- | 222.0 | 160.0 | -- | -- | -- |
| Methuen | 186 | -- | 157.2 | 134.2 | -- | -- | -- |
| Middleboro | 71 | -- | 71.0 | 43.9 | -- | -- | -- |
| Milford | 236 | -- | 204.8 | 188.8 | -- | -- | -- |
| Millis | 68 | -- | 54.9 | 46.5 | -- | -- | -- |
| Milton | 244 | -- | 195.0 | 191.6 | -- | -- | -- |
| Montague | 144 | 24 | 69.0 | 58.0 | -- | -- | -- |
| Narragansett Regional | 75 | 1 | 56.3 | 53.2 | -- | -- | -- |
| New Bedford | 1,304 | 253 | 1,020.7 | 844.3 | -- | -- | -- |
| Newton | 699 | 14 | 594.1 | 458.1 | -- | -- | -- |
| North Adams | 95 | 14 | 82.0 | 82.0 | -- | -- | -- |
| Northampton | 103 | 28 | 103.0 | 90.0 | -- | -- | -- |
| North Attleboro | 164 | 9 | 144.3 | 104.9 | -- | -- | -- |
| Northbridge | 64 | -- | 48.7 | 43.4 | -- | -- | -- |
| North Reading | 194 | 16 | 167.2 | 135.1 | -- | -- | -- |
| Norwell | 66 | 6 | 58.5 | 44.7 | -- | -- | -- |
| Norwood | 339 | 6 | 290.0 | 274.4 | -- | -- | -- |
| Old Rochester Regional | 77 | 2 | 73.9 | 57.4 | -- | -- | -- |
| Palmer | 114 | -- | 87.0 | 70.6 | -- | -- | -- |
| Pioneer Valley Regional | 98 | 24 | 78.5 | 58.7 | -- | -- | -- |
| Pittsfield | 506 | 65 | 462.2 | 403.6 | -- | -- | -- |
| Plymouth | 202 | -- | 188.0 | 163.0 | -- | -- | -- |
| Provincetown | 42 | -- | 36.3 | 29.3 | -- | -- | -- |
| Quincy | 945 | -- | 847.1 | 707.2 | -- | -- | -- |
| Randolph | 272 | -- | 223.0 | 214.2 | -- | -- | -- |
| Reading | 171 | -- | 157.7 | 134.5 | -- | -- | -- |
| Rehoboth | 51 | -- | 45.8 | 36.8 | -- | -- | -- |
| Revere | 138 | -- | 125.8 | 111.7 | -- | -- | -- |
| Rockland | 269 | -- | 213.2 | 181.3 | -- | -- | -- |
| Salem | 418 | 94 | 374.5 | 295.7 | -- | -- | -- |
| Saugus | 371 | -- | 338.9 | 252.8 | -- | -- | -- |
| Scituate | 63 | -- | 59.6 | 56.3 | -- | -- | -- |
| Shelburne | 55 | 43 | 46.4 | 36.9 | -- | -- | -- |
| Silver Lake Regional | 110 | -- | 110.0 | 96.0 | -- | -- | -- |
| Somerset | 140 | 3 | 126.7 | 118.8 | -- | -- | -- |
| Somerville | 504 | -- | 470.0 | 409.4 | -- | -- | -- |
| Southbridge | 142 | 18 | 120.9 | 98.6 | -- | -- | -- |
| South Hadley | 142 | -- | 116.9 | 91.9 | -- | -- | -- |
| Spencer | 67 | 13 | 59.9 | 48.7 | -- | -- | -- |
| Springfield | 2,465 | 416 | 1,855.0 | 1,515.0 | -- | -- | -- |
| Stoughton | 176 | 1 | 71.6 | 60.7 | -- | -- | -- |
| Swampscott | 148 | 37 | 130.8 | 94.7 | -- | -- | -- |
| Swansea | 151 | 15 | 135.3 | 120.6 | -- | -- | -- |
| Taunton | 441 | 52 | 373.5 | 319.7 | -- | -- | -- |
| Tewksbury | 234 | -- | 217.0 | 198.0 | -- | -- | -- |
| Truro | 25 | -- | 19.0 | 16.0 | -- | -- | -- |
| Wakefield | 381 | 58 | 368.6 | 321.4 | -- | -- | -- |
| Waltham | 390 | -- | 373.2 | 338.2 | -- | -- | -- |
| Ware | 40 | 5 | 38.0 | 33.0 | -- | -- | -- |
| Wareham | 92 | -- | 65.7 | 59.8 | -- | -- | -- |
| Webster | 86 | 23 | 72.5 | 63.2 | -- | -- | -- |
| Wellesley | 605 | 127 | 571.6 | 451.8 | -- | -- | -- |
| West Bridgewater | 101 | -- | 90.8 | 81.9 | -- | -- | -- |
| Westfield | 578 | 76 | 519.0 | 509.2 | -- | -- | -- |

GROUP III 3 - EVENING PRACTICAL ART SCHOOLS (continued)

| | | | | | | | |
|-----------------------------|--------|-------|----------|----------|----|----|----|
| Westport | 49 | -- | 38.0 | 31.4 | -- | -- | -- |
| West Springfield | 191 | -- | 177.0 | 171.0 | -- | -- | -- |
| Westwood | 277 | -- | 227.9 | 180.0 | -- | -- | -- |
| Weymouth | 633 | -- | 593.0 | 572.0 | -- | -- | -- |
| Whitman-Hanson Regional | 306 | 36 | 260.3 | 203.4 | -- | -- | -- |
| Wilmington | 190 | -- | 156.0 | 155.9 | -- | -- | -- |
| Winchendon | 117 | 19 | 102.5 | 83.9 | -- | -- | -- |
| Woburn | 394 | -- | 367.0 | 311.0 | -- | -- | -- |
| Worcester | 1,099 | 252 | 853.8 | 926.5 | -- | -- | -- |
| Yarmouth | 144 | 41 | 113.0 | 104.0 | -- | -- | -- |
| Total for type
of school | 38,017 | 2,758 | 31,550.6 | 26,898.2 | -- | -- | -- |

GROUP IV 1a - DAY AGRICULTURAL SCHOOLS

| | | | | | | | |
|-----------------------------|-----|----|-------|-------|-----|----|----|
| Bristol County | 204 | -- | 192.2 | 178.8 | 25 | -- | 20 |
| Essex County | 420 | -- | 309.5 | 280.0 | 46 | -- | 44 |
| New Salem | 34 | -- | 31.1 | 30.5 | 7 | -- | 4 |
| Norfolk County | 281 | -- | 198.6 | 181.4 | 36 | -- | 26 |
| Northampton | 26 | -- | 23.0 | 22.0 | 2 | -- | 3 |
| Total for type
of school | 965 | -- | 754.4 | 692.7 | 116 | -- | 99 |

GROUP IV 1b - DAY AGRICULTURAL DEPARTMENTS

| | | | | | | | |
|-----------------------------|-----|----|-------|-------|----|----|----|
| Barnstable | 18 | -- | 15.5 | 13.9 | 2 | -- | -- |
| Boston | 97 | -- | 92.0 | 90.0 | 22 | -- | -- |
| Charlton | 24 | -- | 22.1 | 22.0 | 1 | -- | 8 |
| Hadley | 28 | -- | 28.0 | 25.4 | 4 | -- | -- |
| Narragansett Regional | 39 | -- | 38.0 | 36.6 | 3 | -- | 4 |
| North Brookfield | 25 | -- | 23.6 | 15.8 | 1 | -- | -- |
| Pioneer Valley Regional | 29 | -- | 27.7 | 26.4 | 4 | -- | 2 |
| Shelburne | 13 | -- | 13.0 | 12.5 | 3 | -- | -- |
| Silver Lake Regional | 33 | -- | 31.0 | 29.0 | 9 | -- | 2 |
| Stockbridge | 20 | -- | 19.0 | 18.9 | 2 | -- | -- |
| Wachusett Regional | 33 | -- | 28.7 | 26.6 | 5 | -- | 2 |
| Westport | 18 | -- | 18.0 | 17.1 | 2 | -- | -- |
| Worcester | 40 | -- | 35.0 | 33.8 | 9 | -- | 9 |
| Total for type
of school | 417 | -- | 391.6 | 368.0 | 67 | -- | 27 |

GROUP IV 3 - EVENING AGRICULTURAL DEPARTMENTS

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-----------------------------|---------------|--------------------------|----------------|-----------------|-----------------------|-----------------------|-----------------|
| | En-
rolled | Com-
pleted
course | Farm
Owners | Farm
Tenants | Farm
Part-
ners | Farm
Labor-
ers | Non-
Farmers |
| Bristol County | 52 | -- | 10 | -- | 1 | 2 | 39 |
| Essex County | 104 | -- | 2 | -- | -- | 1 | 101 |
| Narragansett Regional | 11 | -- | 4 | -- | -- | 2 | 5 |
| Wachusett Regional | 16 | -- | 5 | -- | 1 | 7 | 3 |
| Westport | 20 | -- | 15 | 1 | 4 | -- | -- |
| Total for type
of school | 203 | -- | 36 | 1 | 6 | 12 | 148 |

GROUP V 1a - PART-TIME COOPERATIVE DISTRIBUTIVE OCCUPATIONS SCHOOLS

| | En-
roll-
ment | No. of
Non-Resi-
dents | Average
Member-
ship | Average
Atten-
dance | No. of
Gradu-
ates | With-
in ind.
trained
for | Other
With-
drawals |
|-----------------------------|----------------------|------------------------------|----------------------------|----------------------------|--------------------------|------------------------------------|---------------------------|
| Beverly | 20 | -- | 19.8 | 18.8 | 20 | -- | -- |
| Boston | 108 | -- | 103.3 | 98.6 | 79 | 3 | 5 |
| Braintree | 18 | -- | 18.0 | 17.7 | 18 | -- | -- |
| Brockton | 20 | -- | 19.2 | 17.6 | 11 | -- | 2 |
| Chicopee | 16 | -- | 15.8 | 14.5 | 14 | 1 | -- |
| Essex County | 18 | 4 | 17.6 | 17.0 | 18 | -- | -- |
| Fitchburg | 29 | -- | 28.7 | 27.0 | 28 | -- | 1 |
| Lowell | 21 | 3 | 19.7 | 16.7 | 21 | -- | -- |
| Malden | 16 | -- | 16.0 | 9.3 | 16 | -- | 2 |
| Medford | 41 | -- | 40.2 | 38.2 | 40 | -- | 1 |
| Peabody | 62 | -- | 61.0 | 55.9 | -- | -- | 3 |
| Pittsfield | 18 | 1 | 17.6 | 16.4 | 16 | -- | 2 |
| Quincy | 16 | -- | 16.0 | 15.1 | 16 | -- | -- |
| Salem | 23 | -- | 22.0 | 22.0 | 20 | -- | 1 |
| Saugus | 14 | -- | 13.9 | 12.9 | 14 | -- | -- |
| Somerville | 20 | -- | 20.0 | 18.7 | 18 | -- | -- |
| Springfield | 19 | 4 | 17.0 | 15.1 | 2 | 1 | 2 |
| Waltham | 20 | -- | 17.0 | 15.0 | 19 | -- | 1 |
| Weymouth | 23 | -- | 22.0 | 21.0 | 22 | -- | 1 |
| Total for type
of school | 522 | 12 | 504.8 | 467.5 | 392 | 5 | 21 |

GROUP V 3 - EVENING DISTRIBUTIVE OCCUPATIONS SCHOOLS

| | | | | | | | |
|-----------------------------|-------|-----|---------|---------|-----|----|----|
| Boston | 1,415 | 214 | 1,292.0 | 1,173.0 | 315 | -- | 66 |
| Lowell | 35 | -- | 35.0 | 35.0 | -- | -- | -- |
| Malden | 65 | -- | 65.0 | 65.0 | -- | -- | -- |
| Pittsfield | 110 | 3 | 110.0 | 110.0 | -- | -- | -- |
| Total for type
of school | 1,625 | 217 | 1,502.0 | 1,383.0 | 315 | -- | 66 |

Table 1. Summary of the data for the first 100 cases.

| Case No. | Age | Sex | Occupation | Marital Status | Education | Religion | Income | Health Status | Family Size |
|----------|-----|-----|------------|----------------|-------------|------------|----------|---------------|-------------|
| 1 | 25 | M | Teacher | Married | High School | Catholic | \$15,000 | Good | 3 |
| 2 | 30 | F | Nurse | Single | College | Protestant | \$20,000 | Good | 1 |
| 3 | 45 | M | Engineer | Married | University | Jewish | \$30,000 | Good | 2 |
| 4 | 55 | F | Homemaker | Married | High School | Catholic | \$10,000 | Fair | 4 |
| 5 | 60 | M | Retired | Married | College | Methodist | \$18,000 | Good | 2 |
| 6 | 20 | F | Student | Single | High School | Buddhist | \$5,000 | Good | 1 |
| 7 | 35 | M | Manager | Married | University | Muslim | \$25,000 | Good | 2 |
| 8 | 40 | F | Teacher | Married | College | Catholic | \$18,000 | Good | 3 |
| 9 | 50 | M | Engineer | Married | University | Protestant | \$28,000 | Good | 2 |
| 10 | 65 | F | Retired | Married | High School | Catholic | \$12,000 | Fair | 3 |

Table 2. Summary of the data for the next 100 cases.

| Case No. | Age | Sex | Occupation | Marital Status | Education | Religion | Income | Health Status | Family Size |
|----------|-----|-----|------------|----------------|-------------|------------|----------|---------------|-------------|
| 101 | 28 | M | Teacher | Married | High School | Catholic | \$16,000 | Good | 3 |
| 102 | 32 | F | Nurse | Single | College | Protestant | \$21,000 | Good | 1 |
| 103 | 48 | M | Engineer | Married | University | Jewish | \$31,000 | Good | 2 |
| 104 | 58 | F | Homemaker | Married | High School | Catholic | \$11,000 | Fair | 4 |
| 105 | 62 | M | Retired | Married | College | Methodist | \$19,000 | Good | 2 |
| 106 | 22 | F | Student | Single | High School | Buddhist | \$6,000 | Good | 1 |
| 107 | 38 | M | Manager | Married | University | Muslim | \$26,000 | Good | 2 |
| 108 | 42 | F | Teacher | Married | College | Catholic | \$19,000 | Good | 3 |
| 109 | 52 | M | Engineer | Married | University | Protestant | \$29,000 | Good | 2 |
| 110 | 68 | F | Retired | Married | High School | Catholic | \$13,000 | Fair | 3 |

Table 3. Summary of the data for the last 100 cases.

| Case No. | Age | Sex | Occupation | Marital Status | Education | Religion | Income | Health Status | Family Size |
|----------|-----|-----|------------|----------------|-------------|------------|----------|---------------|-------------|
| 201 | 29 | M | Teacher | Married | High School | Catholic | \$17,000 | Good | 3 |
| 202 | 33 | F | Nurse | Single | College | Protestant | \$22,000 | Good | 1 |
| 203 | 49 | M | Engineer | Married | University | Jewish | \$32,000 | Good | 2 |
| 204 | 59 | F | Homemaker | Married | High School | Catholic | \$12,000 | Fair | 4 |
| 205 | 63 | M | Retired | Married | College | Methodist | \$20,000 | Good | 2 |
| 206 | 23 | F | Student | Single | High School | Buddhist | \$7,000 | Good | 1 |
| 207 | 39 | M | Manager | Married | University | Muslim | \$27,000 | Good | 2 |
| 208 | 43 | F | Teacher | Married | College | Catholic | \$20,000 | Good | 3 |
| 209 | 53 | M | Engineer | Married | University | Protestant | \$30,000 | Good | 2 |
| 210 | 69 | F | Retired | Married | High School | Catholic | \$14,000 | Fair | 3 |

GROUP VI 1 - DAY PRACTICAL NURSING SCHOOLS

| | 1 | 2 | 33 | 4 | 5 | 6 | 7 |
|-----------------------------|-----|-----|-------|-------|-----|----|-----|
| Boston | 80 | 36 | 56.0 | 54.0 | 35 | -- | 18 |
| Essex County | 71 | -- | 69.0 | 68.8 | 30 | -- | 8 |
| Fall River | 58 | 41 | 51.6 | 49.7 | -- | -- | 9 |
| Lawrence | 51 | 29 | 42.5 | 41.8 | 30 | -- | 11 |
| Lowell | 38 | 11 | 31.9 | 29.7 | 14 | -- | 11 |
| North Adams - McGann | 28 | 3 | 20.8 | 19.8 | -- | -- | 7 |
| Northampton | 26 | 15 | 23.0 | 22.0 | 20 | -- | 6 |
| Norwood | 47 | 39 | 21.2 | 20.5 | 18 | -- | 10 |
| Pittsfield | 46 | 21 | 31.4 | 29.5 | 10 | -- | 14 |
| Springfield | 150 | 79 | 110.0 | 105.7 | 131 | 1 | 19 |
| Taunton | 67 | 38 | 42.3 | 41.0 | 27 | 1 | 5 |
| Worcester | 120 | 91 | 92.3 | 84.0 | 72 | 2 | 27 |
| Total for type
of school | 782 | 403 | 592.0 | 566.5 | 387 | 4 | 145 |

GROUP VI 2 - EVENING PRACTICAL NURSING SCHOOLS

| | | | | | | | |
|-----------------------------|-----|----|-------|-------|----|----|----|
| Somerville | 35 | -- | 35.0 | 31.2 | -- | -- | -- |
| Springfield | 116 | 48 | 88.0 | 73.0 | -- | -- | 46 |
| Total for type
of school | 151 | 48 | 123.0 | 104.2 | -- | -- | 46 |

GROUP VII 1 - DAY AREA TECHNICAL VOCATIONAL SCHOOLS

| | | | | | | | |
|-----------------------------|-----|-----|-------|-------|-----|----|----|
| Arlington | 46 | 20 | 42.4 | 39.6 | 11 | -- | 6 |
| Fall River | 13 | 2 | 12.9 | 12.6 | 3 | 1 | 2 |
| Leominster | 36 | 4 | 31.9 | 29.2 | 3 | 1 | 3 |
| Lynn | 35 | 2 | 33.8 | 31.6 | 15 | -- | -- |
| Marlboro | 37 | 14 | 34.9 | 32.5 | 20 | -- | 3 |
| Medford | 60 | 10 | 57.8 | 54.8 | 18 | 2 | 4 |
| New Bedford | 25 | 6 | 23.4 | 22.8 | 12 | -- | -- |
| Newton | 7 | 3 | 7.0 | 6.6 | 3 | -- | -- |
| Pittsfield | 165 | 4 | 163.2 | 156.5 | 36 | -- | 3 |
| South Shore | 19 | 3 | 16.6 | 15.8 | 8 | -- | 2 |
| Springfield | 135 | 57 | 122.5 | 112.5 | 59 | -- | 21 |
| Weymouth | 42 | -- | 38.8 | 36.3 | -- | -- | 5 |
| Worcester | 121 | 46 | 109.5 | 98.7 | 48 | 2 | 13 |
| Total for type
of school | 741 | 171 | 694.7 | 649.5 | 236 | 6 | 62 |

GROUP VII 2 - EVENING AREA TECHNICAL VOCATIONAL SCHOOLS

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-----------------------------|-----|-----|-------|-------|----|----|-----|
| Fall River | 15 | 3 | 13.4 | 13.0 | -- | -- | 3 |
| Framingham | 159 | 108 | 107.5 | 92.9 | -- | -- | 48 |
| Leominster | 37 | 13 | 26.9 | 21.9 | -- | -- | 14 |
| Lynn | 92 | 38 | 72.6 | 61.9 | -- | -- | 13 |
| Medford | 46 | 26 | 31.6 | 24.1 | -- | -- | 16 |
| New Bedford | 44 | 18 | 33.4 | 30.6 | -- | -- | 17 |
| Pittsfield | 30 | -- | 29.4 | 25.7 | -- | -- | 2 |
| Quincy | 141 | 56 | 99.7 | 81.5 | -- | -- | 58 |
| South Shore | 38 | 12 | 25.6 | 21.5 | -- | -- | 18 |
| Springfield | 84 | 28 | 59.0 | 49.0 | -- | -- | 38 |
| Waltham | 15 | 7 | 9.2 | 7.3 | -- | -- | 8 |
| Westfield | 40 | 12 | 33.8 | 33.8 | -- | -- | 12 |
| Worcester | 76 | 47 | 63.0 | 54.0 | -- | -- | 22 |
| Total for type
of school | 817 | 372 | 605.1 | 517.2 | -- | -- | 269 |

GRAND TOTALS

| | | | | | | | |
|----------------------------|--------|-------|----------|----------|-------|-----|-------|
| Boys' Day Industrial | 11,578 | 2,325 | 10,434.4 | 9,676.0 | 2,002 | 196 | 1,361 |
| Boys' Trade Preparatory | 364 | 93 | 272.5 | 234.0 | -- | 79 | 70 |
| Girls' Day Industrial | 937 | 269 | 821.2 | 737.0 | 314 | 30 | 138 |
| Girls' Trade Preparatory | 63 | -- | 56.0 | 47.2 | -- | -- | 11 |
| Industrial Departments | 950 | 6 | 868.0 | 816.0 | -- | 20 | 106 |
| Part-time Cooperative | | | | | | | |
| Trade | 1,137 | 113 | 960.2 | 920.8 | 555 | 8 | 63 |
| Men's Evening Industrial | 7,160 | 2,484 | 5,099.8 | 4,074.4 | -- | 35 | 2,536 |
| Evening Trade Extension | | | | | | | |
| (Women) | 20 | 10 | 20.0 | 20.0 | -- | -- | -- |
| Evening Apprenticeship | 3,264 | 1,928 | 2,651.9 | 2,176.9 | -- | 15 | 875 |
| Day Household Arts Schools | 758 | 181 | 676.3 | 616.6 | 142 | 28 | 105 |
| Day Household Arts | | | | | | | |
| Departments | 1,286 | 63 | 1,140.8 | 1,047.3 | 147 | 19 | 198 |
| Evening Practical Art | 38,017 | 2,758 | 31,550.6 | 26,898.2 | -- | -- | -- |
| Day Agricultural Schools | 965 | -- | 754.4 | 692.7 | 116 | -- | 99 |
| Day Agricultural | | | | | | | |
| Departments | 417 | -- | 391.6 | 368.0 | 67 | -- | 27 |
| Evening Agricultural | | | | | | | |
| Departments | 203 | -- | -- | -- | -- | -- | -- |
| Part-time Cooperative | | | | | | | |
| Distributive Occupa- | | | | | | | |
| tions Schools | 522 | 12 | 504.8 | 467.5 | 392 | 5 | 21 |
| Evening Distributive | | | | | | | |
| Occupations Schools | 1,625 | 217 | 1,502.0 | 1,383.0 | 315 | -- | 66 |
| Day Practical Nursing | 782 | 403 | 592.0 | 566.5 | 387 | 4 | 145 |
| Evening Practical Nursing | 151 | 48 | 123.0 | 104.2 | -- | -- | 46 |
| Day Area Vocational | 741 | 171 | 694.7 | 649.5 | 236 | 6 | 62 |
| Evening Area Vocational | 817 | 372 | 605.1 | 517.2 | -- | -- | 269 |

| | | | | | | | |
|--------------|--------|--------|----------|----------|-------|-----|-------|
| GRAND TOTALS | 71,757 | 11,453 | 59,719.3 | 52,013.0 | 4,673 | 445 | 6,198 |
|--------------|--------|--------|----------|----------|-------|-----|-------|

TABLE NO. 7 FEDERAL SMITH HUGHES AND GEORGE BARDEN FUNDS
State and Local Matching Dollar for Dollar

RECEIPTS - EXPENDITURES - MATCHING FUNDS

School Year Ended June 30, 1964

| Type - Vocational Education | Agriculture | Distributive
Occupations | Home
Economics | Trade &
Industrial | Fisheries | Practical
Nurse | Area Vocational
Title VIII | Teacher
Training | Totals |
|---|-------------|-----------------------------|-------------------|-----------------------|-----------|--------------------|-------------------------------|---------------------|---------------|
| Balance - July 1, 1963 | ---- | ---- | ---- | ---- | 7,000.00 | 9,420.35 | 1,852.08 | ---- | 18,272.43 |
| <u>Receipts:</u> | | | | | | | | | |
| Smith Hughes Funds | 46,955.00 | ---- | 10,496.75 | 93,175.25 | ---- | ---- | ---- | 28,834.00 | 179,461.00 |
| George Barden Funds | 39,347.51 | 67,291.09 | 101,767.97 | 193,897.26 | ---- | 73,888.65 | 248,075.92 | 75,048.17 | 799,316.57 |
| <u>Total Available</u> | 86,302.51 | 67,291.09 | 112,264.72 | 287,072.51 | 7,000.00 | 83,309.00 | 249,928.00 | 103,882.17 | 997,050.00 |
| Balance on Hand, June 30, 1964 | ---- | ---- | ---- | ---- | ---- | 4,901.54 | ---- | ---- | 4,901.54 |
| Expended 7-1-63 to 6-30-64 | 86,302.51 | 67,291.09 | 112,264.72 | 287,072.51 | 7,000.00 | 78,407.46 | 249,928.00 | 103,882.17 | 992,148.46 |
| <u>Analysis of Expenditures</u> | | | | | | | | | |
| Returned to Washington | ---- | ---- | ---- | ---- | 3,800.00 | ---- | ---- | ---- | 3,800.00 |
| State Administration | 6,024.37 | 8,741.38 | 6,788.33 | 33,628.13 | ---- | 16,650.71 | 8,734.37 | 103,882.17 | 184,449.46 |
| State Supervision and
Teacher-Training | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| Local Schools | 80,278.14 | 58,549.71 | 105,476.39 | 253,444.38 | 3,200.00 | 61,756.75 | 241,193.63 | ---- | 803,899.00 |
| <u>TOTALS</u> | 86,302.51 | 67,291.09 | 112,264.72 | 287,072.51 | 7,000.00 | 78,407.46 | 249,928.00 | 103,882.17 | 992,148.46 |
| State and Local
Matching Funds | 792,772.00 | 134,234.00 | 1,059,330.00 | 8,035,322.00 | 4,774.00 | 206,066.00 | 403,136.00 | 52,242.16 | 17,822,824.16 |

Table No. 8 Statistics of Teacher-Training from July 1, 1964 to June 30 1965
(Roman Numerals refer to Divisions)

| Types of Service | Number admitted to class | Number of different subjects taught (or intended by those completing course) | Length of course - clock hours | Number employed as teacher subject to Teacher-Training requirement | Number completing the course |
|--|--------------------------|--|--------------------------------|--|------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| Group I. Agriculture | | | | | |
| Teacher-Training | 16 | 18 | 1315 | 0 | 16 |
| Professional Improvement | 88 | 12 | 101 | 11 | 88 |
| Group II. Trade and Industry | | | | | |
| Teacher-Training | 442 | 205 | 2530 | 76 | 388 |
| Professional Improvement | 486 | 40 | 495 | - | 467 |
| Foreman Training | 915 | 1 | 910 | - | 743 |
| Public Service Training | 20 | 6 | 30 | - | 18 |
| Group III. Day Household Arts and Industrial | | | | | |
| Teacher-Training | 11 | 4 | 60 | 10 | 8 |
| Professional Improvement | 83 | 15 | 60 | 65 | 72 |

| 1 | 2 | 3 | 4 | 5 | 6 |
|--|-----|----|-----|----|-----|
| Group IV. Evening Practical Art
(Women) | | | | | |
| Teacher-Training | 130 | 52 | 300 | 60 | 109 |
| Professional Improvement | 236 | 24 | 150 | - | 196 |
| Group V. Distributive Education | | | | | |
| Teacher-Training | 12 | 1 | 60 | 6 | 8 |
| Professional Improvement | 258 | 10 | 244 | - | 201 |
| Group VI. Practical Nursing | | | | | |
| Teacher-Training | 7 | 1 | 60 | 4 | 4 |
| Professional Improvement | 22 | 5 | 30 | - | 12 |

Table No. 8 - Statistics of Teacher-Training from July 1, 1963 to June 30, 1964
Group V. Number of Teachers in State-Aided Schools and Changes in Personnel of Teacher Force
All Schools (Men and Women)

| TYPE OF SCHOOL | Teachers in service September 1, 1963 | | New Teachers added during the year to June 30, 1964 | | Teachers leaving the service during the year to June 30, 1964 | | Teachers in service at close of year to June 30, 1964 | | Teachers leaving service during summer, June 30 to August 31, 1964 | | New teachers added during summer June 30 to August 31, 1964 | | Teachers in service Sept. 1, 1964 | | Total teachers leaving the service during year | | Total new teachers added during the year | |
|-------------------------------------|---------------------------------------|------------------|---|----------------|---|----------------|---|------------------|--|-----------------|---|-----------------|-----------------------------------|------------------|--|-----------------|--|-----------------|
| | Shop | Academic | Shop | Academic | Shop | Academic | Shop | Academic | Shop | Academic | Shop | Academic | Shop | Academic | Shop | Academic | Shop | Academic |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| I. INDUSTRIAL | | | | | | | | | | | | | | | | | | |
| 1. Day | | | | | | | | | | | | | | | | | | |
| a. Boys (Unit Trade) | | | | | | | | | | | | | | | | | | |
| Men | 674 ¹ | 207 ¹ | - | - | 1 | - | 674 ¹ | 207 ¹ | 54 | 28 | 71 ¹ | 56 | 691 ¹ | 235 ¹ | 55 | 28 | 72 | 56 |
| Women | 8 | 13 | - | - | - | - | 8 | 13 | 1 | 3 | - | 4 | 7 | 14 | 1 | 3 | - | 4 |
| b. Girls (Unit Trade) | 45 ¹ | 36 ¹ | - | - | - | - | 45 ¹ | 36 ¹ | 4 | 6 | 6 | 12 | 47 ¹ | 42 ¹ | 4 | 6 | 6 | 12 |
| c. Industrial Department | 62 ¹ | 7 | - | - | - | - | 62 ¹ | 7 | 14 | 1 | 6 | 10 | 54 ¹ | 16 | 14 | 1 | 6 | 10 |
| 2. Part-time | | | | | | | | | | | | | | | | | | |
| a. Cooperative | 126 ¹ | 56 ¹ | - | - | - | - | 126 ¹ | 56 ¹ | 6 | 13 | 11 | 19 | 131 ¹ | 62 ¹ | 6 | 13 | 11 | 19 |
| b. Trade Preparatory | | | | | | | | | | | | | | | | | | |
| Men | 19 ¹ | - | - | - | 3 ¹ | - | 16 ¹ | - | 9 ¹ | - | 7 ¹ | - | 17 ¹ | - | 9 | - | 7 ¹ | - |
| Women | 7 ¹ | - | - | - | - | - | 7 ¹ | - | 1 | - | 1 | - | 7 ¹ | - | 1 | - | 1 | - |
| c. Evening Trade Extension | | | | | | | | | | | | | | | | | | |
| Men | 336 ¹ | - | 5 | 1 ¹ | 6 | - | 335 ¹ | 1 ¹ | 94 ¹ | - | 80 ¹ | 7 ¹ | 321 ¹ | 8 ¹ | 100 ¹ | - | 85 ¹ | 8 |
| Women | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| d. Apprenticeship | 176 ¹ | - | - | - | 1 | - | 175 ¹ | - | 47 ¹ | - | 61 ¹ | - | 189 ¹ | - | 48 ¹ | - | 62 ¹ | - |
| II. AREA VOCATIONAL | | | | | | | | | | | | | | | | | | |
| 1. Day | 75 ¹ | 21 | - | - | - | - | 75 ¹ | 21 | 14 | 2 | 30 | 8 | 91 ¹ | 27 ¹ | 14 | 2 | 30 | 8 |
| 2. Evening | 58 ¹ | - | - | - | - | - | 58 ¹ | - | 12 | - | 7 | 1 | 53 ¹ | 1 | 12 | - | 7 | 1 |
| III. HOUSEHOLD ARTS | | | | | | | | | | | | | | | | | | |
| 1. Day | | | | | | | | | | | | | | | | | | |
| a. School | 35 ¹ | 23 ¹ | - | - | - | - | 35 ¹ | 23 ¹ | 1 | 1 | 2 | 3 | 36 ¹ | 25 ¹ | 1 | 1 | 2 | 3 |
| b. High School Department | 63 ¹ | 11 ¹ | - | - | - | - | 63 ¹ | 11 ¹ | 10 ¹ | - | 14 | - | 67 ¹ | 11 ¹ | 10 ¹ | - | 14 | - |
| 2. Evening | 1082 ¹ | 75 ¹ | 5 | 1 ¹ | 1 | 1 ¹ | 1086 ¹ | 75 ¹ | 166 ¹ | 12 ¹ | 230 ¹ | 17 ¹ | 1150 ¹ | 80 ¹ | 167 ¹ | 13 ¹ | 235 ¹ | 18 ¹ |
| IV. PRACTICAL NURSING | | | | | | | | | | | | | | | | | | |
| 1. Day | 47 ¹ | 16 ¹ | - | - | - | - | 47 ¹ | 16 ¹ | 10 | - | 13 | - | 50 ¹ | 16 ¹ | 10 | - | 13 | - |
| 2. Evening | 14 ¹ | 1 ¹ | - | - | - | - | 14 ¹ | 1 ¹ | 6 ¹ | 1 ¹ | 4 ¹ | - | 12 ¹ | - | 6 ¹ | 1 ¹ | 4 ¹ | - |
| V. AGRICULTURAL | | | | | | | | | | | | | | | | | | |
| 1. Day | | | | | | | | | | | | | | | | | | |
| a. School | 47 ¹ | 22 ¹ | - | - | - | - | 47 ¹ | 22 | 2 | - | 10 | 2 ¹ | 55 ¹ | 24 ¹ | 2 | - | 10 | 2 ¹ |
| b. High School Department | 30 ¹ | 3 ¹ | - | - | - | - | 30 ¹ | 3 ¹ | 5 | - | 5 | - | 30 ¹ | 3 ¹ | 5 | - | 5 | - |
| 2. Evening | 35 ¹ | - | - | - | - | - | 35 ¹ | - | 8 ¹ | - | 3 | - | 30 ¹ | - | 8 ¹ | - | 3 | - |
| VI. DISTRIBUTIVE OCCUPATIONS | | | | | | | | | | | | | | | | | | |
| 1. Part-time Cooperative | 42 ¹ | 19 ¹ | - | - | - | - | 42 ¹ | 19 ¹ | - | 1 | 10 ¹ | 9 ¹ | 52 ¹ | 27 ¹ | - | 1 | 10 ¹ | 9 ¹ |
| 2. Evening | 26 ¹ | 1 | - | - | - | - | 26 ¹ | 1 | 1 ¹ | - | 3 ¹ | - | 28 ¹ | 1 | 1 ¹ | - | 3 ¹ | - |

¹This figure includes the Director.

Table No. 9 - Number of Different Minors 14 to 16 Years of Age, Who, Within the Calendar Year Jan. 1 to Dec. 31, 1964 were Employed while Schools were in Session, as per Returns.

| CITIES AND TOWNS | 1
Population
State Census, 1960 | Number of Minors
7 to 16 years of Age
October 1, 1964 | | | Total Number of Different minors
Employed full-time within the
Town (City) under Authority of
employment permits and home per-
mits as reported by the Town (City) | | |
|--|---------------------------------------|---|----------------------------------|-----------------------------------|--|---------|---------|
| | | 2 In registration
of minors | 3 In public school
membership | 4 In private school
membership | 5 Boys | 6 Girls | 7 Total |
| Group I. -
Cities | 2,948,572 | 454,253 | 315,454 | 132,516 | 124 | 117 | 240 |
| Group II. -
Towns of 5,000
Population or
over | 1,835,727 | 363,221 | 305,371 | 55,696 | 87 | 45 | 121 |

1 2 3 4 5 6 7

Group III. -
Towns of less
Than 5,000
Population and
Maintaining
High Schools

280,915 57,911 53,939 3,367 20 8 27

Group IV. -
Towns of less
Than 5,000
Population
and Not Main-
taining High
Schools

83,364 16,452 14,410 1,761 4 5 9

State Totals

5,148,578 891,837 689,174 193,340 235 175 397

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The Commonwealth of Massachusetts

State Library

George F. Fingold Library

State House, Boston 33

